

# **EPA Jacket 53883-208**

# Material Sent for Data Extraction

Reg. # 53883-208

Description: label amendment

☐ Material(s) Sent to Data Extraction Contractors:

☒ New Stamped Label Dated 2-21-13

☐ Notification Dated \_\_\_\_\_

☐ New CSF(s) Dated \_\_\_\_\_

☐ Other: \_\_\_\_\_

☐ Decision #: 469330

☐ Other Action/Comments: \_\_\_\_\_  
\_\_\_\_\_

File this coversheet and attached materials in the jacket. It must be well organized and clipped together, NOT STAPLED. Then give the jacket with the coversheet and materials to staff in the Information Services Center (ISC) (Room S-4900). If a jacket is full or only available as an image, please file materials in a new jacket and bring it down to the (ISC). For further information please call 703-605-0716.

Reviewer: Grant Rowland

Phone: 347-0254 Division: RD/HB

Date: 2-27-13



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Washington, D.C. 20460

OFFICE OF  
CHEMICAL SAFETY AND  
POLLUTION PREVENTION

Jane Miller  
Control Solutions, Inc  
c/o Biologic, Inc  
115 Obtuse Hill Road  
Brookfield, CT 06804

FEB 21 2013

Subject: Label amendment creating a Master Label to add residential use directions and create "commercial use" and "residential use" sections  
Dithiopyr 0.25% plus Fertilizer  
EPA Reg. No: 53883-208  
Application Dated: August 20, 2012

Dear Ms. Miller

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

Please note that marketing claims made on the pesticide label must be substantiated by data maintained in your files. If data supporting marketing claims made on the product label is not available, then those claims must be removed.

A stamped copy of your label is enclosed for your records. This label supersedes all previously accepted labels. You must submit one (1) copy of the final printed label before you release the product for shipment. Products shipped after eighteen (18) months from the date of this letter must bear the new revised label. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA §6(e). Your release for shipment of the product constitutes acceptance of these conditions.

If you have any questions, please contact Grant Rowland at (703) 347-0254 or at Rowland.Grant@epa.gov.

Sincerely,

A handwritten signature in cursive script, appearing to read "Kathryn V. Montague".

Kathryn Montague  
Product Manager 23  
Herbicide Branch  
Registration Division (7505P)

MASTER LABEL – AMENDMENT

[Sub. Label A: Commercial Use]

## Dithiopyr 0.25% Plus Fertilizer

### TURF AND ORNAMENTAL HERBICIDE

For Season-Long Control of Crabgrass and Control or Suppression of Listed Annual Grasses and Broadleaf Weeds in Established Lawns and Ornamental Turf, including Golf Course Fairways, Roughs and Tee Boxes, and in Established Landscape Ornamentals.

Covers up to XX,000 sq. ft.  
This bag covers XX,000 sq. ft.

In the state of New York this product may be applied only by commercial applicators at no more than 200 lbs. (0.5 pounds AI) per acre (4.6 lbs. per 1,000 sq. ft.) per year. Not for use in Nassau or Suffolk Counties.

**Active Ingredient:**

Dithiopyr: 3,5- pyridinedicarbothioic acid, 2-(difluoromethyl)- 4-(2-methylpropyl)-6-(trifluoromethyl)-S,S-dimethyl ester ..... 0.25%  
**Other Ingredients:**..... 99.75%  
**TOTAL:**..... 100.00%

This product contains 0.125 pound of active ingredient dithiopyr per 50 pound bag.

EPA REG NO. 53883-208

EPA EST. NO. XXXXX-XXX-XXX

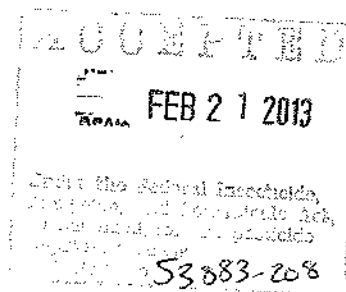
**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

See [back] [side] [other] panel for further precautions and First Aid information

**Guaranteed Fertilizer Analysis: XX-XX-XX**

Water-Insoluble Nitrogen	XX%
Total Nitrogen (N)	XX%
Ammoniacal Nitrogen	XX%
Urea Nitrogen	XX%
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> )	XX%
Soluble Potash (K <sub>2</sub> O)	XX%
Calcium (Ca)	XX%
Magnesium (Mg)	XX%
Copper (Cu)	XX%
Iron (Fe)	XX%
Manganese (Mn)	XX%
Zinc (Zn)	XX%



Net Weight:

Control Solutions, Inc.  
5903 Genoa-Red Bluff Rd.  
Pasadena, TX 77507-1041

## MASTER LABEL – AMENDMENT

<b>FIRST AID</b>	
<b>IF IN EYES:</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"><li>• Call a poison control center or physician immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by the poison control center or physician.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
<b>HOT LINE NUMBER</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall® International (866) 897-8050 for emergency medical treatment information.	

### **PRECAUTIONARY STATEMENTS** **HAZARDS TO HUMANS AND DOMESTIC ANIMALS** **CAUTION**

Harmful if inhaled. Causes moderate eye irritation. Avoid breathing dust. Remove and wash contaminated clothing before reuse. Avoid contact with eyes or clothing. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

#### **Personal Protective Equipment (PPE)**

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves such as natural rubber
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### **Use Safety Recommendations**

Users should:

- Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.
- Remove clothing/PPE if pesticide gets inside. Then wash thoroughly and put on clean clothing.

### **ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and highly toxic to other aquatic organisms including oysters and shrimp. Use with care when applying to turf areas adjacent to any body of water. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may adversely affect aquatic organisms in adjacent aquatic sites. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwaters.

## MASTER LABEL – AMENDMENT

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

#### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves
- Shoes plus socks

#### NON-AGRICULTURAL USE REQUIREMENTS:

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

- Keep unprotected persons out of treated area during application and until dust has settled.

#### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**STORAGE:** Store in original container in a dry, cool, secured storage area.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with Federal, state or local procedures.

**CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available, or dispose of empty bag in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

#### USE INFORMATION

Dithiopyr 0.25% Plus Fertilizer provides season-long control of crabgrass and control or suppression of listed annual grasses and broadleaf weeds in established lawns and ornamental turf, including golf course fairways, roughs and tee boxes, and in established landscape ornamentals. This product also provides postemergent crabgrass control up to the 4-leaf stage.

**SPREADER SETTINGS** to apply at the listed pounds per 1,000 square feet

*(to be furnished at printing)*

#### FOR USE ON TURF

Dithiopyr 0.25% Plus Fertilizer provides season-long control of crabgrass and other annual grasses and broadleaf weeds in established lawns and ornamental turf, including golf course fairways, roughs and tee boxes. Dithiopyr 0.25% Plus Fertilizer will not harm nearby established ornamentals identified on this label as "Tolerant Ornamentals" when used according to label directions.

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### USE PRECAUTIONS:

Apply this product only to seeded, sodded, or sprigged lawns and ornamental turf that is well established. Before the use of Dithiopyr 0.25% Plus Fertilizer, the grass must have a developed root system and a uniform stand. Following seeding, sodding or sprigging, the turf must be mowed at least two times. Injury may result if the turf is not well established, or stressed by weather, pests, disease, chemical or other related conditions.

- Florida Applications: Do not exceed [2] [3] applications per year on bahiagrass in the north. Do not apply more than 200 lb (0.5 lb. active ingredient) per acre (4.6 lb. per 1,000 sq. ft.) per application and no more than 600 lb (1.5 lb. active ingredient) per acre (13.8 lb. per 1,000 sq. ft.) per year if using split or sequential applications.
- Florida Applications: Do not exceed [2] [3] [4] applications per year on bahiagrass in [central Florida][the south]. Do not apply more than 200 lb (0.5 lb. active ingredient) per acre (4.6 lb. per 1,000 sq. ft.) per application and no more than 600 lb (1.5 lb. active ingredient) per acre (13.8 lb. per 1,000 sq. ft.) per year if using split or sequential applications.
- Florida Applications: Do not exceed [3] [4] [5] applications per year on bermudagrass in the north. Do not apply more than 200 lb (0.5 lb. active ingredient) per acre (4.6 lb. per 1,000 sq. ft.) per application and no more than 600 lb (1.5 lb. active ingredient) per acre (13.8 lb. per 1,000 sq. ft.) per year if using split or sequential applications.
- Florida Applications: Do not exceed [4] [5] [6] applications per year on bermudagrass in central Florida. Do not apply more than 200 lb (0.5 lb. active ingredient) per acre (4.6 lb. per 1,000 sq. ft.) per application and no more than 600 lb (1.5 lb. active ingredient) per acre (13.8 lb. per 1,000 sq. ft.) per year if using split or sequential applications.
- Florida Applications: Do not exceed [5] [6] [7] applications per year on bermudagrass in the south. Do not apply more than 200 lb (0.5 lb. active ingredient) per acre (4.6 lb. per 1,000 sq. ft.) per application and no more than 600 lb (1.5 lb. active ingredient) per acre (13.8 lb. per 1,000 sq. ft.) per year if using split or sequential applications.
- Florida Applications: Do not exceed [1] [2] applications per year on centipedegrass in the north. Do not apply more than 200 lb (0.5 lb. active ingredient) per acre (4.6 lb. per 1,000 sq. ft.) per application and no more than 600 lb (1.5 lb. active ingredient) per acre (13.8 lb. per 1,000 sq. ft.) per year if using split or sequential applications.
- Florida Applications: Do not exceed [2] [3] applications per year on centipedegrass in [central Florida] [the south]. Do not apply more than 200 lb (0.5 lb. active ingredient) per acre (4.6 lb. per 1,000 sq. ft.) per application and no more than 600 lb (1.5 lb. active ingredient) per acre (13.8 lb. per 1,000 sq. ft.) per year if using split or sequential applications.
- Florida Applications: Do not exceed [2] [3] [4] applications per year on St. Augustinegrass in the north. Do not apply more than 200 lb (0.5 lb. active ingredient) per acre (4.6 lb. per 1,000 sq. ft.) per application and no more than 600 lb (1.5 lb. active ingredient) per acre (13.8 lb. per 1,000 sq. ft.) per year if using split or sequential applications.
- Florida Applications: Do not exceed [2] [3] [4] [5] applications per year on St. Augustinegrass in central Florida. Do not apply more than 200 lb (0.5 lb. active ingredient) per acre (4.6 lb. per 1,000 sq. ft.) per application and no more than 600 lb (1.5 lb. active ingredient) per acre (13.8 lb. per 1,000 sq. ft.) per year if using split or sequential applications.
- Florida Applications: Do not exceed [4] [5] [6] applications per year on St. Augustinegrass in the south. Do not apply more than 200 lb (0.5 lb. active ingredient) per acre (4.6 lb. per 1,000 sq. ft.) per application and no more than 600 lb (1.5 lb. active ingredient) per acre (13.8 lb. per 1,000 sq. ft.) per year if using split or sequential applications.
- Florida Applications: Do not exceed [3] [4] [5] applications per year on zoysiagrass in the north. Do not apply more than 4.6 lb of this product per 1,000 sq ft per application and no more than 13.8 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).
- Florida Applications: Do not exceed [3] [4] [5] [6] applications per year on zoysiagrass in central Florida. Do not apply more than 200 lb (0.5 lb. active ingredient) per acre (4.6 lb. per 1,000 sq. ft.) per application and no more than 600 lb (1.5 lb. active ingredient) per acre (13.8 lb. per 1,000 sq. ft.) per year if using split or sequential applications.
- Florida Applications: Do not exceed [4] [5] [6] applications per year on zoysiagrass in the

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south. Do not apply more than 4.6 lb of this product per 1,000 sq ft per application and no more than 13.8 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).

- Florida Applications: For application to sports turf (nonagricultural land planted exclusively for golf courses, parks and athletic fields), follow "SL 191, Recommendations for N,P,K and Mg for Golf Course & Athletic Field Fertilization Base on Mehlich/Extractant" available at <http://edis.ifas.ufl.edu/SS404>, or "BMP's for Enhancement of Environmental Quality on Florida's Golf Courses" available at <http://www.dep.state.fl.us/water/nonpoint/docs/nonpoint/qfbbmp07.pdf>.
- Florida Applications: For application to urban turf (nonagricultural land planted in closely mowed, managed grasses except golf courses, parks and athletic fields), follow "Best Management Practices for Protection of Water Resources in Florida, June 2002, Florida Green Industries" available at [http://dep.state.fl.us/central/Home/MeetingsTraining/FLGreen/8MP\\_Book\\_final.pdf](http://dep.state.fl.us/central/Home/MeetingsTraining/FLGreen/8MP_Book_final.pdf).

Dithiopyr 0.25% Plus Fertilizer may be applied to established turfgrass species listed on this label. When applied as directed, the following turfgrass species are tolerant to this product:

COOL-SEASON GRASSES	USE PRECAUTIONS
Creeping Bentgrass <sup>1</sup> ( <i>Agrostis palustris</i> ), Kentucky Bluegrass ( <i>Poa pratensis</i> ), Fine Fescue <sup>2</sup> ( <i>Festuca rubra</i> ), Tall Fescue ( <i>Festuca arundinacea</i> ), Perennial Ryegrass ( <i>Lolium perenne</i> ),	<sup>1</sup> Turfgrass injury may result from the use of this product on certain varieties of creeping bentgrass such as Cohansey, Carmen, Seaside and Washington. Not all varieties of creeping bentgrass have been tested. Do not apply this product to Colonial Bentgrass ( <i>Agrostis tenuis</i> ) varieties.  <sup>2</sup> Turfgrass injury may result from use of this product on the following varieties of Fescue such as Atlanta, Banner, Beauty, Bilgart, CF-2, Enjoy, HF-93, Highlight, Ivalo, Koket, Jamestown, Majenta, Mary, Pennilawn, Tamara, Tatiana, Walfort and Waldina. Not all varieties of fescue have been tested.
WARM-SEASON GRASSES	
Bahiagrass ( <i>Paspalum notatum</i> ), Bermudagrass ( <i>Cynodon dactylon</i> ), Buffalograss <sup>3</sup> ( <i>Buchloe dactyloides</i> ), Carpetgrass ( <i>Axonopus compressus</i> ), Centipedegrass ( <i>Eremochloa ophiuroides</i> ), Kikuyugrass ( <i>Pennisetum clandestinum</i> ), St. Augustinegrass ( <i>Stenotaphrum secundatum</i> ), Zousiagrass ( <i>Zoysia japonica</i> )	<sup>3</sup> Do not use this product on seedling Buffalograss in the spring of the first year of establishment until the turfgrass is fully green and has established new roots.

**NOTE:** It is not possible to evaluate all turfgrass varieties for tolerance to this product. It is suggested that the user evaluate the response to turfgrass varieties not listed on this label on a limited area, at recommended use rates, prior to initiating large-scale use.

### RESEEDING, OVERSEEDING OR SPRIGGING

Reseeding, overseeding, or sprigging of treated areas within 10 weeks after a single application of this product or within 16 weeks after a split application program may inhibit the establishment of desirable turfgrasses. When seeding or overseeding, follow good cultural practices such as soil cultivation, irrigation and fertilization. For best results, use mechanical or power seeding equipment (slit seeders) for good seed-to-soil contact.



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### USE RESTRICTIONS

- Do not apply more than 200 lb. (0.5 lb. active ingredient) per acre (4.6 lbs./1,000 sq. ft.) per application or more than 600 lb. (1.5 lb. active ingredient) per acre (13.8 lbs./1,000 sq. ft.) per year is using split or sequential applications.
- In the state of New York, this product may be applied only by commercial applicators at no more than 200 lb. (0.5 lb. active ingredient) per acre (4.6 lb. per 1,000 sq. ft.) per year. Use of this product in Nassau and Suffolk counties of New York is prohibited.
  - Do not use clippings from treated turf for animal feed or for mulching around vegetables or fruit trees.
  - Do not allow domestic animals to feed or forage on treated turf.
  - Keep people and pets off treated areas until dust has settled.

### CRABGRASS CONTROL

Dithiopyr 0.25% Plus Fertilizer provides pre-emergence control of crabgrass (large, smooth, and southern species) when applied prior to emergence of crabgrass from the ground. Dithiopyr 0.25% Plus Fertilizer provides "early post-emergence" control during the early stages of growth after crabgrass emerges from the ground. This early post-emergence control is limited and applications are only effective if applied before the crabgrass has its 3-leaf or first tiller (which usually is about the time when you can first see the crabgrass in the lawn). With this post-emergence activity, the applicator has 2 to 4 weeks longer to make applications for control of crabgrass.

For best results, apply Dithiopyr 0.25% Plus Fertilizer within a few days after mowing and delay mowing again for a few days after application. Rainfall or irrigation activates the product. Improved weed control will result if the application is followed by ½ inch of rainfall or sprinkler irrigation. Weed control may be hampered if rainfall or irrigation does not occur within 30 days after application. Split, or half rate applications spaced 5 to 10 weeks apart may also enhance weed control. Cultural practices such as aerification and de-thatching should be completed and the turf allowed to recover before application of this product.

### APPLICATION TIMING

This product may be applied as a single application, split application, or as a sequential application for crabgrass control in the spring, summer, or fall as described below.

### SPRING APPLICATION

For single applications in the spring or early summer, follow the appropriate rate listed in "TABLE 1: APPLICATION RATES FOR CRABGRASS CONTROL" below. Rates are based on the location to be used (Region), the mowing height of the turfgrass, and whether the timing of the application is considered preemergence or postemergence. The length of residual weed control is dependent on the total rate applied, but may vary depending on weather, weed pressure and location.

Program 1: For preemergence control to turf mowed relatively high, such as home lawns. This program will provide 3 to 5 months of preemergence crabgrass control. This program should not be used for early postemergence control of crabgrass.

Program 2: For preemergence control at sites where the turf is mowed relatively low, such as golf course fairways, and where turfgrass maintenance and weed control applications were made the previous year. This program will provide 4 to 6 months of preemergence crabgrass control. This program may also be used for early postemergence control of crabgrass up to the fifth leaf, or first tiller, at locations where the turf is cut high.

Program 3: For preemergence control at locations where turf is mowed relatively low, such as golf course fairways, and where turfgrass maintenance and weed control applications were not made the previous year. This program will provide 4 to 6 months of preemergence crabgrass control. This program may also be used for early postemergence control of crabgrass up to the fifth leaf, or first tiller, at locations where the turf is cut relatively low.

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**TABLE 1: APPLICATION RATES FOR CRABGRASS CONTROL**

<b>REGION</b>	<b>PROGRAM 1</b> Preemergence (high-cut turf)	<b>PROGRAM 2</b> Preemergence (low-cut turf) Postemergence (high-cut turf)	<b>PROGRAM 3</b> Preemergence (low-cut turf) Postemergence (low-cut turf)
All states not designated below and parts of states not included in transition, south, coastal south or west.	1.2 lb./1,000 sq. ft. (52 lb./acre or 0.13 lb./Al/acre)	2.3 lb./1,000 sq. ft. (100 lb./acre or 0.25 lb./Al/acre)	3.5 lb./1,000 sq. ft. (152 lb./acre or 0.38 lb./Al/acre)
Transition: DE, KS, KY, MD, MO, VA, southeastern PA, southern areas of IL, IN, OH, and coastal areas of CT, NY and RI.	2.3 lb./1,000 sq. ft. (100 lb./acre or 0.25 lb./Al/acre)	3.5 lb./1,000 sq. ft. (152 lb./acre or 0.38 lb./Al/acre)	4.6 lb./1,000 sq. ft. (200 lb./acre or 0.5 lb./Al/acre)
South (AL, AR, AZ, CA, GA, LA, MS, NC, NM, NV, OK, SC, TN and TX)	3.5 lb./1,000 sq. ft. (152 lb./acre or 0.38 lb./Al/acre)	2.3 + 2.3* lb./1,000 sq. ft. (100 + 100 lb./acre or 0.25 + 0.25 lb./Al/acre)	2.8 + 2.8* lb./1,000 sq. ft. (124 + 124 lb./acre or 0.31 + 0.31 lb./Al/acre)
Coastal South (HI, FL, southern coastal areas of AL, GA, LA, MS, NC, SC, and TX)	2.3 + 2.3* lb./1,000 sq. ft. (100 + 100 lb./acre or 0.25 + 0.25 lb./Al/acre)	2.8 + 2.8* lb./1,000 sq. ft. (124 + 124 lb./acre or 0.31 + 0.31 lb./Al/acre)	3.5 + 3.5* lb./1,000 sq. ft. (152 + 152 lb./acre or 0.38 + 0.38 lb./Al/acre)
West: AZ, CA & NV. In this climatically diverse region, use the higher rates in local areas with longer crabgrass seasons.	1.7 + 2.3* lb./1,000 sq. ft. (76 + 100 lb./acre or 0.19 + 0.25 lb./Al/acre)	2.3 + 3.5* lb./1,000 sq. ft. (100 + 152 lb./acre or 0.25 + 0.38 lb./Al/acre)	2.3 + 2.3* lb./1,000 sq. ft. (100 + 100 lb./acre or 0.25 + 0.25 lb./Al/acre)
* Split applications may be made 5-10 weeks apart.			

## SPLIT OR SEQUENTIAL APPLICATIONS

Split or sequential applications may be used to provide improved weed control or to provide extended weed control in areas with long growing seasons. Split applications may be made with rates in Table 1 split between two applications made 5-10 weeks apart. Where longer periods of control are required, sequential applications may be made in late summer or fall following a spring application or in the spring following a fall application provided the maximum application rate per year is not exceeded. Refer to the "Use Restrictions" section above.

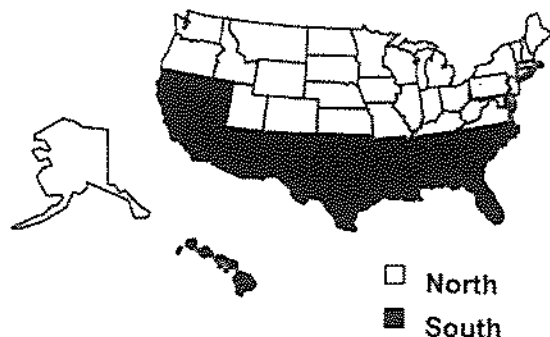
## FALL APPLICATION

Dithiopyr 0.25% Plus Fertilizer may be applied in late summer or early fall (late August through November). Follow the instructions for "Program 3" for crabgrass control through the early part of the next spring. Fall applications may be followed by an appropriate spring application to provide season-long control.

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### TURF GRASS REGIONS

Use "Regions" within the United States:



### CONTROL OF OTHER GRASS AND BROADLEAF WEEDS

**SPRING APPLICATION:** When used as directed for crabgrass control in spring, Dithiopyr 0.25% Plus Fertilizer will also control or suppress the following weeds when applied prior to their emergence:

GRASSES	
Common Name	Botanical Name
Barley	<i>Hordeum</i> spp.
Barnyardgrass	<i>Echinochloa crus-galli</i>
Bluegrass (annual roughstalk)	<i>Poa annua</i>
Brome	<i>Bromus</i> spp.
Crabgrass, large	<i>Digitaria sanguinalis</i>
Crabgrass, smooth	<i>Digitaria ischaemum</i>
Crabgrass, Southern	<i>Digitaria ciliaris</i>
Crowfootgrass*	<i>Dactyloctenium aegyptium</i>
Dallisgrass (seedling)	<i>Paspalum dilatafium</i>
Foxtail (yellow & green)	<i>Setaria faberi</i> , <i>Setaria Verdi</i>
Goosegrass	<i>Eleusine indica</i>
Kikuyugrass*	<i>Pennisetum clandestinum</i>
Oats, wild	<i>Avena fatua</i>
Ryegrass (annual & perennial)	<i>Lolium</i> spp.
Sandbur	<i>Cenchrus</i> spp.
Smutgrass	<i>Sporobolus indicus</i>
BROADLEAF WEEDS	
Bittercress*	<i>Cardamine</i> spp.
Carpetweed	<i>Mullugo verticillata</i>
Chickweed*	<i>Stellaria</i> spp.
Geranium, Carolina*	<i>Geranium carolinianum</i>
Henbit	<i>Lamium</i> spp.
Knotweed, prostrate	<i>Polygonum aviculare</i>
Lespedeza, common*	<i>Lespedeza striata</i>
Marestail	<i>Conyza Canadensis</i>
Medic, black	<i>Medicago lupulina</i>
Mustard	<i>Brassica</i> spp.
Oxalis, buttercup	<i>Oxalis pes-caprae</i>
Parsley-piert*	<i>Alchemilla arvensis</i>
Pigweed, redroot	<i>Amaranthus retroflexus</i>
Pineappleweed*	<i>Matricaria matricarioides</i>

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Purslane, common	<i>Portulaca oleracea</i>
Rocket, London	<i>Sisymbrium irio</i>
Shepherdspurse	<i>Capsella bursa-pastoris</i>
Speedwell, corn*	<i>Veronica arvensis</i>
Spurge, garden	<i>Euphorbia hirta</i>
Spurge, prostrate	<i>Euphorbia humistrata</i>
Spurge, spotted	<i>Euphorbia maculate</i>
Woodsorrel, creeping	<i>Oxalis corniculata</i>
Woodsorrel, yellow	<i>Oxalis stricta</i>
* Suppression only.	

**FALL APPLICATION:** When used as directed for late summer or early fall use (late August through November), for crabgrass control through the early part of next spring, Dithiopyr 0.25% Plus Fertilizer will also control or suppress the following weeds

WEEDS CONTROLLED	
Common Name	Botanical Name
Bluegrass (annual)	<i>Poa annua</i>
Bittercress	<i>Cardamine</i> spp.
Chickweed	<i>Stellaria</i> spp.
Geranium (Carolina)	<i>Geranium carolinianum</i>
Henbit	<i>Lamium</i> spp.
Parsley-piert	<i>Alchemilla arvensis</i>
Pineappleweed	<i>Matricaria matricarioides</i>
Shepherdspurse	<i>Capsella bursa-pastoris</i>

### APPLICATION EQUIPMENT AND INSTRUCTIONS

This product may be applied with drop or rotary-type spreaders designed to apply granular herbicides. For best results, apply this product evenly and uniformly avoiding streaking, skips or overlaps. Avoid the use of spreaders that tend to apply granules in narrow rows or concentrated bands. Calibrate the spreader according to the manufacturer's directions. Initial spreader settings may require adjustment to deliver the recommended application rate under actual application conditions. The desired calibration setting may be marked or recorded for future reference.

Apply this product uniformly over the treatment area. More uniformity can be achieved by applying one-half of the required amount of product over the treatment area and then applying the remaining one-half in a different direction (e.g., at a right angle to the previous direction). Check equipment frequently to verify calibration and proper functioning. Clean and lubricate spreader after use.

### FOR USE ON LANDSCAPE ORNAMENTALS

Dithiopyr 0.25% Plus Fertilizer provides preemergence control or suppression of annual grass and broadleaf weeds in landscape ornamentals. Refer to "For Use on Turf" section of this label for a complete listing of weeds controlled or suppressed. This product may be applied to soil surfaces or mulch where ornamental plants are grown for aesthetic purposes in ornamental gardens, parks, golf courses, and residential areas.

### APPLICATION INSTRUCTIONS

Dithiopyr 0.25% Plus Fertilizer is a preemergence herbicide that will not control established weeds. Make applications prior to weed seed germination to bare ground or mulch. For best results, apply to soil that is free of clods, weeds and debris such as leaves. Before application, any existing vegetation should be removed by hand weeding, cultivation, or with the use of a postemergence herbicide. Once the application is made, do not disturb the soil surface as the herbicide barrier will be broken. Irrigate immediately after application to remove herbicide particles from the foliage to prevent foliar damage to ornamentals.

## MASTER LABEL – AMENDMENT

### SPLIT OR SEQUENTIAL APPLICATIONS

Split or sequential applications may be used to provide improved weed control or to provide extended weed control in areas with long growing seasons. Split applications may be made with rates in Table 2 split between two applications made 5-10 weeks apart. Where longer periods of control are required, sequential applications may be made in late summer or fall following a spring application or in the spring following a fall application provided the maximum application rate per year is not exceeded.

### USE RESTRICTIONS

- DO NOT apply more than 200 lb. (0.5 lb. active ingredient) per acre (4.6 lb. per 1,000 sq. ft.) per application or more than 600 lb. (1.5 lb. active ingredient) per acre (13.8 lb. per 1,000 sq. ft.) per year if using split or sequential applications.
- In the state of New York, this product may be applied only by commercial applicators at no more than 200 lb. (0.5 lb. active ingredient) per acre (4.6 lb. per 1,000 sq. ft.) per year. Use of this product in Nassau and Suffolk counties of New York is prohibited.
- Only apply this product to established ornamentals.
- DO NOT apply this product directly to the bare roots of ornamental plants as injury may result.
- DO NOT incorporate this product into soil. Dilution of active ingredient and plant root injury may occur.
- DO NOT apply to soil around ornamentals that are under stress due to drought, flooding, excessive fertilizer or soil salts, wind injury, hail, frost damage, winter injury, injury from previously applied pesticides or injury due to insects, nematodes, or disease.
- DO NOT apply under conditions that would affect product distribution (such as windy conditions).
- DO NOT apply this product on grasses grown for seed.
- DO NOT graze livestock or feed forage cut from areas treated with this product.

### USE RATES

Apply Dithiopyr 0.25% Plus Fertilizer with a properly calibrated spreader that will provide accurate, even particle distribution. Refer to Table 2 below for product rates when treating a small area.

**TABLE 2: APPLICATION RATES FOR LANDSCAPE ORNAMENTALS**

Pounds Product/Acre	Pounds Product/1,000 sq. ft.	Pounds of Product/100 Sq. Ft.
200	4.6	0.46 (7.4 oz.)

### APPLICATION EQUIPMENT AND INSTRUCTIONS

This product may be applied with drop or rotary-type spreaders designed to apply granular herbicides. For best results, apply this product evenly and uniformly avoiding streaking, skips or overlaps. Avoid the use of spreaders that tend to apply granules in narrow rows or concentrated bands. Calibrate the spreader according to the manufacturer's directions. Initial spreader settings may require adjustment to deliver the recommended application rate under actual application conditions. The desired calibration setting may be marked or recorded for future reference.

Apply this product uniformly over the treatment area. More uniformity can be achieved by applying one-half of the required amount of product over the treatment area and then applying the remaining one-half in a different direction (e.g., at a right angle to the previous direction). Check equipment frequently to verify calibration and proper functioning. Clean and lubricate spreader after use.

### TOLERANT ORNAMENTALS

When applied as directed under the conditions described on this label, the ornamentals listed below have shown tolerance in field trials. However, this product has not been tested on all cultivars of each species or under all possible growing conditions. A limited area involving only a few plants should be treated for tolerance evaluations before large-scale applications.

## MASTER LABEL - AMENDMENT

Common Name	Botanical Name	Tolerant Cultivars
Abelia, Dwarf	<i>Abelia X grandiflora</i>	Nana
Ajuga	<i>Ajuga reptans</i>	Bronze
	<i>Ajuga Genevensis</i>	Bronze Beauty
Almond, flowering	<i>Prunus glandulosa</i>	
Apple*	<i>Malus pumila</i>	
Arborvitae	<i>Thuja occidentalis</i>	Nigra Pyramidalis Smaragh Techny Woodwardii
Arborvitae, Golden	<i>Thuja orientalis</i>	
Aster, Chinese	<i>Callistephus chinensis</i>	Dwarf Queen
Ash, Green	<i>Fraxinus pennsylvanica</i>	
Ash, Mountain	<i>Sorbus aucuparia</i>	
Ash, Purple	<i>Fraxinus Americana</i>	
Azalea	<i>Rhododendron</i> spp.	Brilliant Buccaneer Carror Chimes (Belgian) Elsie Lee Exbury Fashion Hardijzer Beauty Hershey Red Higasa Hinocrimson Holland (Hybrid) Marion Lee Northern Lights Orange Cup Orchid Lights Snow Southern Charm
Azalea, Flame	<i>Rhododendron calendulaceum</i>	
Azalea, Kirishima		
Bamboo, Heavenly	<i>Nandina domestica</i>	
Barberry	<i>Berberis thunbergii</i>	Aurea Dwarf Pygmy Green Koboid Pygmy Red Rose Glow Atropurpurea
Barberry, Purple	<i>Berberis vulgaris</i>	
Basket Flower	<i>Gaillardia grandiflora</i>	
Bearberry (common)	<i>Arctostaphylos uva-ursi</i>	Massachusetts
Bee Balm	<i>Monarda didyma</i>	
Begonia	<i>Begonia</i> spp.	
Birch, River	<i>Betula nigra</i>	
Blackeyed Susan	<i>Rudbeckia hirta</i>	Goldstrum
Blanket Flower	<i>Gaillardia</i> spp.	
Blueberry*	<i>Vaccinium</i> spp.	Bluecrop Blue Jay Jersey North Blue

# MASTER LABEL – AMENDMENT

Bottlebrush Boxwood, Japanese Boxwood, Weller Broom Broom Bugle Carpet Carnelia	<i>Callistemon citrinus</i> <i>Buxus microphylla</i> <i>Buxus sempervirens</i> <i>Cytisus</i> spp. <i>Genista pilosa</i>  <i>Camettia japonica</i>	Northland  Japonica  Moonlight Vancouver Gold  Debutanta Mathotiana Supreme Chansonette  Snow White
Candy Tuft Carex, Variegated Cedar, Red Celosia Centaurea Cockscomb, Plumosa Coleus Columbine Copper leaf Coreopsis Cornflower Cotoneaster Coyotebrush Cycads Cypress, Bald Cypress, Italian Cypress, Japanese False Cupress, Leyland Daffodil Daylily	<i>Camelia sasangua</i> <i>Ilberis</i> spp. <i>Carex</i> <i>Juniperus virginiana</i> <i>Celosia</i> spp. <i>Centaurea montana</i> <i>Celosia cristata</i> <i>Coleus blumei</i> <i>Aguilegia</i> spp. <i>Acalypha wilkesiana</i> <i>Coreopsis</i> spp. <i>Centaurea</i> spp. <i>Ctoneaster apiculatus</i> <i>Baccharis pelularis</i> <i>Cycads revolute</i> <i>Taxodium distichum</i> <i>Cupressus sempervirens</i> <i>Chamaecyparis obtuse</i> <i>Cupressocyparis leylandii</i> <i>Narcissus</i> spp. <i>Hemerocallis</i> spp.	Scarlet Plumosa Red Kewpie  Moonbloom  Glaucia Gracilis  King Alfred Aztec Gold Bright Yellow (Hybrid) Single Gold (Evergreen) Wilson's Yellow Magic Fountain
Delphinium Dianthus (Sweet William) Dogwood Dogwood, American Douglas Fir Dusty Miller Elm, Drake Euonymus	<i>Delphinium</i> spp. <i>Dianthus</i> spp. <i>Cornus florida</i> <i>Cornus sericea</i> <i>Psuedotsuga menziesii</i> <i>Senecio cineraria</i> <i>Ulmus parvifolia</i> <i>Euonymus fortunei</i>	Flavarimaea  Argenteo-variegata Aureo-marginata Colorata Emerald Gaiety Emerald 'N Gold Gold Edge Gold Princess Silver King Tricolor Vegetus
Fan Palm, European Fan, Palm, Mexican Fern (various) Fescue	<i>Chamaerops humilis</i> <i>Washingtonia robusta</i> <i>Asparagus</i> spp. <i>Festuca glauca</i>	

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Fetterbush Ficus Fir, Fraser Forsythia	<i>Leucothoe fontiana</i> <i>Ficus retusa</i> <i>Abies fraseri</i> <i>Forsythia X intermeida</i>	Rainbow Nitidia  Arnold Dwarf Bronxensis Dwarf Lynwood Gold Meadowlark Weeping
Fuchsia Galium Gardenia	<i>Spring Glory</i> <i>Fuchsia</i> spp. <i>Galium odoratum</i> <i>Gardenia jasminoides</i>	Mystery Radicans
Geranium Gum Hawthorn	<i>Pelargonium X hortorum</i> <i>Eucalyptus citriodora</i> <i>Crataegus</i> spp.	Cockspur White Crimson Cloud Enchantress Jack Evans Washington White Mediterranean Pink
Heather, Twisted Hemlock, Canada Hibiscus	<i>Erica cinerea</i> <i>Tsuga canadensis</i> <i>Hibiscus</i> spp.	Blue Bird Brilliant Hula Girl Blue Boy Blue Girl Burfodii China Girl Compacta Forsteri Hellerie Japanese Northern Beauty Needlepoint Nellie R. Stevens Savanah
Holly	<i>Ilex</i> spp.  <i>Ilex X meserveae</i>	Blue Bird Brilliant Hula Girl Blue Boy Blue Girl Burfodii China Girl Compacta Forsteri Hellerie Japanese Northern Beauty Needlepoint Nellie R. Stevens Savanah
Holly, Chinese Holly, Japanese Holly, Yaupon Honeysuckle	<i>Ilex X attenuata</i> <i>Ilex comuta</i> <i>Ilex crenata</i> <i>Ilex vomitoria</i> <i>Lonicera japonica</i>	Clavey's Dwarf Hilliana Tatarian Canadian White Zebelli Red Hosta Albo Marginata
Hosta	<i>Hosta</i> spp. <i>Hosta lancifolia</i>	
Ice Plant Impatiens Iris	<i>Carpobrotus edulis</i> <i>Impatiens</i> spp. <i>Iris</i> spp.	Dwarf Blue Wedgewood Bulgaria Thorndale
Ivy, English	<i>Hedera helix</i>	
Jasmine, Asian Juniper	<i>Trachelospermum asiaticum</i> <i>Juniperus</i> spp.  <i>Juniperus horizontalis</i>	Arcadia Armstrong Bar Harbor Blue Chip



MASTER LABEL – AMENDMENT

		<p>Blue Pacific Blue Rug Blue Star Broadmoor Buffalo Calgary Carpet Emerald Sea Emerald Spreader Endora Compacta Fruitlandi Green Gold Tip Hetzi Hughes Manhattan Blue Parsoni Pfitzeriana Plumosa Prince of Wales Procumbens Dwarf San Jose Sargent Blue Sargent Green Scandia Scopulorum Moonglow Scopulorum Skyrocket Spartan Tamariscifolia Weberi Youngstown Yukon Belle</p>
<p>King Palm Laurel, Australian Laurel, Mountain Leucothoe Ligustrum, Japanese Lily, African</p>	<p><i>Juniperus chinensis</i> <i>Juniperus Sabina</i></p>	
<p>Lily, African Blue Lily of the Valley Lilyturf</p>	<p><i>Archontophoenix cunninghamiana</i> <i>Pittosporum tobira</i> <i>Kalmia latifolia</i> <i>Leucothoe fontanesiana</i> <i>Ligustrum japonicum</i> <i>Agapanthus africanus</i></p>	
<p>Liriope, Green Maple, Japanese Maple, Norway Maple, Red Maple, Silver Maple, Sugar Marigold</p>	<p><i>Pieris japonica</i> <i>Liriope muscari</i></p>	<p>Albus Peter Pan</p>
	<p><i>Liriope spicata</i> <i>Acer japonicum</i> <i>Acer platanoides</i> <i>Acer rubrum</i> <i>Acer saccharinum</i> <i>Acer saccharum</i> <i>Tagetes patula</i></p>	<p>Mt. Fire Evergreen Giant Lilac Beauty Majestic Monroe White Variegata</p>
<p>Mock Orange*</p>	<p><i>Philadelphus</i> spp.</p>	<p>Honeycomb Variegata Wheeler's Dwarf Golden Snowflake Double White</p>

## MASTER LABEL - AMENDMENT

Mondo Grass Moss Rose Myrtle, Crape	<i>Ophiopogon japonicus</i> <i>Portulaca grandiflora</i> <i>Lagerstroemia indica</i>	Sunnyside Faurei Langer Muskogee Standard Pink
Myrtle, Wax Nandina	<i>Myrica cerifera</i> <i>Nandina domestica</i>	Compacta Nana
Narcissus Oak, Laurel Oak, Pin Oak, Red Oak, Southern Oak, Willow Oleander	<i>Narcissus</i> spp. <i>Quercus laurifolia</i> <i>Quercus palustris</i> <i>Quercus rubra</i> <i>Quercus virginiana</i> <i>Quercus phellos</i> <i>Nerium oleander</i>	Hardy Red Petite Pink Sister Agnes Whirligig
Osteospermum Pachysandra Palm, Bangalow Pampas Grass Pansy Paper Flower Peach*	<i>Osteospermum fruticosum</i> <i>Pachysandra terminalis</i>  <i>Cortaderia selloana</i> <i>Viola x wittrockiana</i> <i>Bougainvillea glabra</i> <i>Prunus persica</i>	Barbara Karst
Periwinkle, Dwarf Petunia Photinia, Red Tip Pieris Pine, Australian Pine, Japanese Black Pine, Loblolly Pine, Longleaf Pine, Mugho Pine, Scotch Pine, Slash Pine, Swiss Mt. Pine, Virginia Pine, White Pineapple, Guava Pittosporum, Japan Potentilla	<i>Vinca minor</i> <i>Petunia X hybrida</i> <i>Photinia X fraseri</i> <i>Pieris japonica</i> <i>Pinus nigra</i> <i>Pinus thunbergiana</i> <i>Pinus taeda</i> <i>Pinus palustris</i> <i>Pinus mugho</i> <i>Pinus sylvestris</i> <i>Pinus elliotii</i> <i>Pinus mugo</i> <i>Pinus virginiana</i> <i>Pinus strobes</i> <i>Feijoa fellowiana</i>	Picoti
Privet	<i>Potentilla nepalensis</i> <i>Potentilla fruticosa</i> <i>Ligustrum japonicum</i>	Abbotswood  Golden Vicary Regal Texanum Wax Yellow Tipped
Privet, Glossy Pyracantha	<i>Ligustrum lucidum</i> <i>Pyracantha koidzumii</i>	Gnome Lalandei Victory
Queen Palm Quince, Japanese* Rhododendron	<i>Arecastrum rammanzoffianum</i> <i>Rhododendron</i> spp.	Album Cunningham White

# MASTER LABEL – AMENDMENT

<p>Rhododendron, Carolina Rhododendron, Catawba Rockcress Rhodia Max (Rosebay) Rose Rosemary* Rosemary, Bog Salvia Sedum</p> <p>Snapdragon Sourwood Spiraea Spiraea</p> <p>Spiraea, Garland Spruce, Black Hills Spruce, Colorado Blue Spruce, Norway Spruce, White Sweetflag, Grassyy-Le Sweetgum Sycamore Tree Fern (Tiki Fern) Trumpet Flower, Evening Tulip Verbana, Shrub Vervain Viburnum</p> <p>Vinca (Periwinkle) Windmill Palm Xylosma Yarrow Yaupon Yew</p>	<p><i>Rhododendron carolinianum</i> <i>Rhododendron catawbiense</i> <i>Arabis</i> spp. <i>Rhododendron maximum</i> <i>Rosa banksiae</i> <i>Rosmarinus officinalis</i> <i>Andromeda polifolia</i> <i>Salvia farinacea</i> <i>Sedum spurium</i></p> <p><i>Antirrhinum</i> spp. <i>Oxydendrum arboreum</i> <i>Astilbe X arendsii</i> <i>Spiraea</i> spp.</p> <p><i>Spiraea</i> spp. <i>Picea glauca</i> <i>Picea pungens</i> <i>Picea abies</i> <i>Picea glauca</i></p> <p><i>Liquidambar styraciflua</i> <i>Plantanus occidentalis</i> <i>Asparagus virgatus</i> <i>Gelsemium sempervirens</i> <i>Tulipa</i> spp. <i>Lantana sellowiana</i> <i>Verbena</i> spp. <i>Viburnum</i> spp.</p> <p><i>Vinca minor</i> <i>Trachycarpus fortunei</i> <i>Xylosma congestum</i> <i>Achillea</i> spp. <i>Ilex vomitoria</i> <i>Taxus cuspidate</i> <i>Taxus X media</i></p>	<p>Fashion Hardy PJM Purple Gem Silvery Pink</p> <p>Snowcap</p> <p>Luta</p> <p>Nana Rhea Dragon Blood Red Red Carpet Yellow</p> <p>Fanall Anthony Waterer Red Dolchica Froebeli Pink Goldenflame Red Snowmound White Van Houtte White</p> <p>Conica</p> <p>Apeldoorn</p> <p>St. Paul American Cranberry Bush Arrowood Common Snowball European Cranberry Bush Linden Mohican Wright</p> <p>Dwarf Denisformis</p>
* Ornamental species only. Do not use on food producing trees and ornamentals.		

## MASTER LABEL – AMENDMENT

### CONDITIONS OF SALE AND WARRANTY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying and using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The DIRECTIONS FOR USE of this product are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Lawn and turf injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of Control Solutions, Inc. or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

Control Solutions, Inc. warrants that this product conforms to the chemical description on the label, and is reasonably fit for the purposes set forth in the DIRECTIONS FOR USE, when it is used in accordance with such directions, subject to the inherent risks mentioned above.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, CONTROL SOLUTIONS, INC. NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS WARRANTY EXTENDS TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNING, OR CAUTIONS. BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. CONTROL SOLUTIONS, INC. and the seller offer this product, and the Buyer and User accept it, subject to the foregoing CONDITIONS OF SALE AND WARRANTY.

MASTER LABEL – AMENDMENT

[Sub Label B: Residential Use]

# Dithiopyr 0.25% Plus Fertilizer

## Lawn and Ornamental Herbicide

For control of crabgrass and control or suppression many other annual grass and broadleaf weeds in ornamental landscape areas, established lawns and ornamental turf.

- Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.
- Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.
- For use on plants intended for aesthetic purposes or climatic modification and being grown in ornamental gardens or parks, or on golf courses or lawns.

*In the state of New York, do not exceed 2.3 lb per 1000 sq ft per year of this product (equivalent to 0.25 lb of active ingredient per acre).*

In the state of Florida, do not apply near water, storm drains or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to your lawn/garden, and sweep any product that lands on the driveway, sidewalk, or street, back onto your lawn/garden.

Covers up to XX,000 sq ft (XXX' x XX')

This bag covers XX,000 sq ft

### Active Ingredient

Dithiopyr: 3,5- pyridinedicarbothioic acid,  
2-(difluoromethyl)- 4-(2-methylpropyl)-6-  
(trifluoromethyl)-S,S-dimethyl ester ..... 0.25%

**Other Ingredients** ..... 99.75%

**Total**..... 100.00%

This product contains 0.125 pound of the active ingredient dithiopyr per 50 pound bag.

## Keep Out of Reach of Children

## CAUTION

### Guaranteed Fertilizer Analysis: XX-XX-XX

Water-Insoluble Nitrogen	XX%
Total Nitrogen (N)	XX%
Ammoniacal Nitrogen	XX%
Urea Nitrogen	XX%
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> )	XX%
Soluble Potash (K <sub>2</sub> O)	XX%
Calcium (Ca)	XX%
Magnesium (Mg)	XX%
Copper (Cu)	XX%
Iron (Fe)	XX%
Manganese (Mn)	XX%
Zinc (Zn)	XX%

EPA Reg. No. 53883-208  
EPA Est. No. XXXXX-XX-XXX  
Net Weight:

Control Solutions, Inc.,  
5903 Genoa-Red Bluff,  
Pasadena, TX 77507

## MASTER LABEL – AMENDMENT

### Precautionary Statements

#### Hazards to Humans and Domestic Animals

Causes eye irritation. Harmful if inhaled. Avoid contact with eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact while handling this material may cause allergic reaction in some individuals.

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
IF SWALLOWED:	<ul style="list-style-type: none"><li>• Call a poison control center or physician immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by the poison control center or physician.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
IF INHALED:	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall® International (866) 897-8050 for emergency medical treatment information.	

#### Environmental Hazards

This product is toxic to fish and highly toxic to other aquatic organisms including oysters and shrimp. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent runoff to water bodies or drainage systems.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

#### Storage and Disposal

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

**Pesticide Storage:** Store this product only in its original container in a dry, cool, secured storage area.

**Container Handling:** Nonrefillable container. Do not reuse or refill this container.

**If empty:** Place in trash or offer for recycling if available.

**If partially filled:** Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

## MASTER LABEL – AMENDMENT

### For Use On Turf

This turf fertilizer product, containing Dithiopyr 0.25% Plus Fertilizer can be applied up to 4 weeks later than other crabgrass preventers and provides up to 4 months of crabgrass control.

Dithiopyr 0.25% Plus Fertilizer provides preemergence control of crabgrass and control or suppression of other listed weeds when applied prior to their germination. In addition, this product provides postemergence control of seedling crabgrass after germination and emergence. Postemergence control is limited to crabgrass only, but is effective up to 4 weeks after crabgrass has germinated. This generally corresponds to the time when crabgrass seedlings first become visible in the established turfgrass. Do not apply this product later than 4 weeks after crabgrass germination.

- Florida Applications: Do not exceed [2] [3] applications per year on bahiagrass in the north. Do not apply more than 4.6 lb of this product per 1,000 sq ft per application and no more than 13.8 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).
- Florida Applications: Do not exceed [2] [3] [4] applications per year on bahiagrass in [central Florida] [the south]. Do not apply more than 4.6 lb of this product per 1,000 sq ft per application and no more than 13.8 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).
- Florida Applications: Do not exceed [3] [4] [5] applications per year on bermudagrass in the north. Do not apply more than 4.6 lb of this product per 1,000 sq ft per application and no more than 13.8 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre; respectively).
- Florida Applications: Do not exceed [4] [5] [6] applications per year on bermudagrass in central Florida. Do not apply more than 4.6 lb of this product per 1,000 sq ft per application and no more than 13.8 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).
- Florida Applications: Do not exceed [5] [6] [7] applications per year on bermudagrass in the south. Do not apply more than 4.6 lb of this product per 1,000 sq ft per application and no more than 13.8 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).
- Florida Applications: Do not exceed [1] [2] applications per year on centipedegrass in the north. Do not apply more than 4.6 lb of this product per 1,000 sq ft per application and no more than 13.8 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).
- Florida Applications: Do not exceed [2] [3] applications per year on centipedegrass in [central Florida] [the south]. Do not apply more than 4.6 lb of this product per 1,000 sq ft per application and no more than 13.8 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).
- Florida Applications: Do not exceed [2] [3] [4] applications per year on St. Augustinegrass in the north. Do not apply more than 4.6 lb of this product per 1,000 sq ft per application and no more than 13.8 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).
- Florida Applications: Do not exceed [2] [3] [4] [5] applications per year on St. Augustinegrass in central Florida. Do not apply more than 4.6 lb of this product per 1,000 sq ft per application and no more than 13.8 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).
- Florida Applications: Do not exceed [4] [5] [6] applications per year on St. Augustinegrass in the south. Do not apply more than 4.6 lb of this product per 1,000 sq ft per application and no more than 13.8 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).
- Florida Applications: Do not exceed [3] [4] [5] applications per year on zoysiagrass in the north. Do not apply more than 4.6 lb of this product per 1,000 sq ft per application and no more than 13.8 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).

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- Florida Applications: Do not exceed [3] [4] [5] [6] applications per year on zoysiagrass in central Florida. Do not apply more than 4.6 lb of this product per 1,000 sq ft per application and no more than 13.8 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).
- Florida Applications: Do not exceed [4] [5] [6] applications per year on zoysiagrass in the south. Do not apply more than 4.6 lb of this product per 1,000 sq ft per application and no more than 13.8 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).

Apply this product only to turfgrass species listed on this label. The following turfgrass species are tolerant to this product when applied as directed:

<b>Cool-Season Grasses</b>	<b>Warm-Season Grasses</b>
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Bentgrass, creeping	Bahiagrass
Bluegrass, Kentucky	Bermudagrass
Fescue, fine	Buffalograss
Fescue, tall	Carpetgrass
Ryegrass, perennial	Centipedegrass
	St. Augustinegrass
	Zoysiagrass

### Use Restrictions:

- **Do not** apply more than 4.6 lb of this product per 1,000 sq ft per application and no more than 13.8 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).
- In the state of New York, do not exceed 2.3 lb per 1000 sq ft per year of this product (equivalent to 0.25 lb of active ingredient per acre).
- **Do not** use clippings from treated turf for mulching around vegetables or fruit trees.
- **Do not** allow people or pets to enter treated area until dust has settled.

### Use Precautions

This product should be applied only to lawns and ornamental turfgrasses that are well established. For newly established lawns, initial application of this product should be made only after turfgrasses have developed a vigorous root system, uniform stand, and received at least two mowings following seeding, sodding, or sprigging. **Exception:** In newly established lawns of Kentucky bluegrass, perennial ryegrass and/or tall fescue, this product may be applied two weeks after the first sign of germination.

- Use of this product on lawns and ornamental turfgrasses that are not well established, or weakened by stress due to mechanical operations, pests, excessive temperatures, or lack of moisture may result in turfgrass injury.
- For best results, cultural practices that disturb the soil, such as core-, spike-, or hydro-aerification; and verticutting, should be done before application of this product. Do not apply this product, until turfgrass has recovered from the mechanical injury caused by these cultural practices.
- **Reseeding, Overseeding, or Sprigging:** Reseeding, overseeding, or sprigging of areas treated with this product within 10 weeks after a single application of this product or within 16 weeks after a split application program totaling 4.6 lb/1000 sq ft (0.5 lb active ingredient per acre) or more may inhibit the establishment of desirable turfgrasses. When reseeding, overseeding follow proper cultural practices for seedbed preparation, seeding, irrigation and fertilization.



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### Application Timing

#### Spring Application

**Control of Crabgrass:** Dithiopyr 0.25% Plus Fertilizer provides preemergence control of crabgrass and control or suppression of other listed weeds when applied prior to their germination. In addition, this product provides postemergence control of seedling crabgrass after germination and emergence. Postemergence control is limited to crabgrass only and is effective up to 4 weeks after germination of crabgrass. This generally corresponds to the time when crabgrass seedlings are at the 3-leaf stage of growth and first become visible in the established turf. This product will not control crabgrass at later growth stages when crabgrass plants begin to tiller (spread). Properly timed applications will control existing crabgrass and prevent further emergence of crabgrass seedlings. Do not apply this product later than 4 weeks after crabgrass germination.

**Control or Suppression of Other Grass and Broadleaf Weeds:** For control or suppression of other grass and broadleaf weeds, this product must be applied as a **preventative** treatment prior to their germination and emergence. Only crabgrass will be controlled with applications made up to 4 weeks after weed germination.

#### Fall Application

This product can also be applied from late summer through early fall (late August through November). When applied in the fall, a sequential or second application of this product must be made the following spring to provide season-long control of crabgrass. If this product is applied in the fall, **do not** reseed, overseed or sprig turfgrasses within 12 weeks after application.

#### Improved Weed Control

- For best results, apply this product within a few days after mowing and delay mowing again for a few days after the application.
- The turf herbicide and fertilizer components in this product are not effective until activated by rainfall or irrigation. Performance is improved if application is followed by 1/2 inch of rainfall or sprinkler irrigation. Erratic weed control may result if not activated by rainfall or irrigation within 30 days after application.

#### Weeds Controlled or Suppressed

Dithiopyr 0.25% Plus Fertilizer will provide control of crabgrass and control or suppression of other listed grass and broadleaf weeds when applied prior their germination.

##### Grasses

barley  
barnyardgrass  
bluegrass, annual  
brome  
crabgrass, large  
crabgrass, smooth  
crabgrass, Southern  
Crowfootgrass\*  
dallisgrass  
goosegrass  
foxtail, green  
foxtail, yellow  
kikuyugrass \*  
oats, wild  
ryegrass (annual & perennial)

##### Broadleaf Weeds

bittercress\*  
carpetweed  
chickweed \*  
geranium, Carolina\*  
henbit  
knotweed, prostrate  
lespedeza, common \*  
marestail  
medic, black  
mustard  
oxalis, buttercup  
pineappleweed  
pigweed, redroot  
parsley-piert \*  
purslane, common

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sandbur	rocket, London
smutgrass	shepherdspurse
	speedwell, corn*
	spurge, garden
	spurge, prostrate
	spurge, spotted
	woodsorrel, creeping
	woodsorrel, yellow

\*Suppression only

### Use Rates

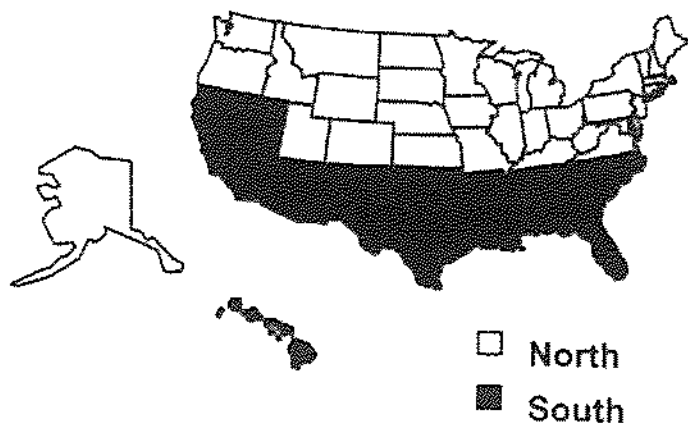
Amount of Dithiopyr 0.25% Plus Fertilizer to Apply (Pounds of product to apply per 1,000 square feet of turfgrass*)			
Region of U.S.	Length of Crabgrass Control		
	2 - 3 months	3 - 4 months	Early Postemergence Control
North	1.2 lb/1000 sq ft (0.128 lb ai/acre)	1.6 lb/1000 sq ft (0.174 lb ai/acre)	2.0 - 4.6 lb/1000 sq ft** (0.22 - 0.5 lb ai/acre)
South	1.8 lb/1000 sq ft (0.192 lb ai/acre)	2.0 - 2.4 lb/1000 sq ft** (0.22-0.256 lb ai/acre)	2.0 - 4.6 lb/1000 sq ft** (0.22 - 0.5 lb ai/acre)

\*1,000 square feet equals an area 100 feet X 10 feet or square area of about 32 feet on a side.

\*\* Use the higher rate in rate range in areas of high weed pressure or for increased length of control.

Dithiopyr 0.25% Plus Fertilizer will provide up to 4 months of crabgrass control when applied according to label directions. The actual length of control will vary depending on use rate, weather conditions, condition of the turfgrass, intensity of weed pressure, and the location or "Region" within the United States where this product is being applied. **Refer to the map below to determine the region of the U.S. that includes your location.** Use the table below to determine the amount of Dithiopyr 0.25% Plus Fertilizer to apply in your location based on the desired length of weed control or need for postemergence crabgrass control.

Use "Regions" within the United States:



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### Application Equipment and Instructions

This product may be applied with drop or rotary-type spreaders designed to apply granular herbicides. For best results, apply this product evenly and uniformly avoiding streaking, skips or overlaps. Avoid the use of spreaders that tend to apply granules in narrow rows or concentrated bands. Calibrate the spreader according to the manufacturer's directions. Initial spreader settings may require adjustment to deliver the recommended application rate under actual application conditions. The desired calibration setting may be marked or recorded for future reference. Apply this product uniformly over the treatment area. More uniformity of application can usually be achieved by applying one-half of the required amount of product over the treatment area and then applying the remaining one-half in a different direction (e.g., at a right angle to the previous direction). Avoid streaking, skips, or overlaps during application.

Check equipment frequently to verify calibration and proper functioning.

Brand and Model of Spreader	Calibration Settings at Specified Rate (lb/1000 sq ft)					
	1.2	1.6	1.8	2.0	2.4	4.6
XXXXX XX	XX	XX	XX	XX	XX	

### For Use On Landscape Ornamentals

Dithiopyr 0.25% Plus Fertilizer provides preemergence control or suppression of listed annual grass and broadleaf weeds in plantings of ornamental plants listed on this label. For application instructions and equipment, see Application Instructions and Equipment section above.

### Application Instructions

Apply Dithiopyr 0.25% Plus Fertilizer with a properly calibrated spreader or other means that will assure uniform distribution. This product may be applied as a single application or as a split application. Split or sequential applications may be used to provide improved weed control or to provide extended weed control in areas with long growing seasons. To make a split application, divide the rate in the following table into separate applications made 5-10 weeks apart. Sequential applications may be made in the late summer following a spring application or in the spring after a fall application, provided the maximum application rates per year given below are not exceeded.

Pounds of Product per 1000 Square Feet	Ounces of Product per 100 Square Feet*
4.6	0.46 (7.4 oz)

\*Rate based on an area of 100 sq ft for treatment of small areas.

### Use Restrictions

- **Do not** apply more than 4.6 lb of this product per 1,000 sq ft per application and no more than 13.8 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).
- In the state of New York, do not exceed 2.3 lb per 1000 sq ft per year of this product (equivalent to 0.25 lb of active ingredient per acre).

Dithiopyr 0.25% Plus Fertilizer is a preemergence herbicide that will not control established weeds. Make applications prior to weed seed germination. Bare ground or mulched areas may be treated. The best weed control is obtained when applied to soil that is free of clods, weeds and debris such as leaves. Prior to making an application, control existing vegetation by hand weeding, cultivation or with a

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postemergence herbicide. Avoid disturbance of treated areas. Loss of weed control may result if the treated soil surface is disturbed by soil mixing or tillage.

### Use Precautions

- Apply this product only to established ornamentals.
- **Do not** apply this product directly to bare roots of ornamental plants as injury may result.
- **Do not** incorporate this product into soil. Dilution of active ingredient and possible injury to plant roots may occur.
- **Do not** apply to soil around ornamental plants that are under stress due to drought, flooding, excessive fertilizer or soil salts, wind injury, hail, frost damage, winter injury, injury from previously applied pesticides or injury due to insects, nematodes or disease.
- To avoid foliar damage to ornamentals, irrigate immediately after application to remove herbicide particles from the foliage.
- **Do not** apply under conditions that would affect product distribution. Wind could affect distribution and move product onto sensitive species. Uneven product distribution will result in uneven weed control.

### Weeds Controlled or Suppressed

Used as directed, Dithiopyr 0.25% Plus Fertilizer will control crabgrass and control or suppress other listed grass and broadleaf weeds when applied prior to their germination. **Refer to "Use Directions for Turf" section above for a complete listing of weeds controlled or suppressed.** This product will not control established broadleaf weeds or grasses, except for crabgrass in early stages of development. The area to be treated should be free of weeds prior to application.

### Tolerant Ornamentals

The ornamentals listed below have shown tolerance to this product when applied according to label directions. However, this product has not been tested on all ornamental species, all cultivars of species on this label, or under all possible growing conditions. For species or cultivars not listed, it is recommended that a few plants in a limited area be treated and observed for tolerance under local growing conditions prior to large-scale use.

Common Name	Botanical Name	Tolerant Cultivars
abella, dwarf	Abelia X grandiflora	nana
ajuga	Ajuga reptans Ajuga genevensis	bronze bronze beauty
almond, flowering	Prunus glandulosa	
apple*	Malus pumila	
arborvitae	Thuja occidentalis	nigra pyramidalis smaragh techny woodwardii
arborvitae, golden	Thuja orientalis	
aster, Chinese	Callistephus chinensis	dwarf queen
ash, green	Fraxinus pennsylvanica	
ash, mountain	Sorbus aucuparia	
ash, purple	Fraxinus americana	
azalea	Rhododendron spp.	brilliant

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		buccaneer carror chimes (beigian) elsie lee exbury fashion hardijzer beauty hershey red higasa hinocrimson holland (hybrid) marion lee northern lights orange cup orchid lights snow southern charm
azalea, flame	Rhododendron calendulaceum	
azalea, kirishima		
bamboo, heavenly		
barberry	Berberis thunbergii	aurea dwarf pigmy green kobold pygmy red rose glow
Barberry, purple		atropurpurea
basket flower	Gaillardia grand/flora	
bearberry (common)	Arctostaphylos uva-ursi	Massachusetts
bee balm	Monarda didyma	
begonia	Begonia spp.	
birch, river	Betula nigra	
blackeyed Susan	Rudbeckia hirta	goldstrum
blanket flower	Gaillardia spp.	
blueberry*	Vaccinium spp.	bluecrop blue jay jersey north blue northland
bottlebrush	Callistemon citrinus	
boxwood, Japanese		japonica
boxwood, weller	Buxus sempervirens	
broom	Cytisus spp.	moonlight
	Genista pilosa	Vancouver gold
bugle carpet		
camellia	Camellia japonica Camellia sasanqua	debutante mathotiana supreme chansonette
candy tuft	iberis spp	snow white

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carex, variegated	Carex	
cedar, red	Juniperus virginiana	
celosia	Celosia spp.	
centaura	Centaurea montana	
cockscomb, plumosa	Celosia cristata	scarlet plumosa
coleus	Coleus blumei	red kewpie
columbine	Aquilegia spp.	
copper leaf	Acalypha wilkesiana	
coreopsis	Coreopsis spp.	moonbeam
corn flower	Centaurea spp.	
cotoneaster	Cotoneaster apiculatus	
coyotebrush	Baccharis pilularis	
cycads	Cycads revoluta	
cypress, bald	Taxodium distichum	
cypress, Italian	Cupressus sempervirens	
cypress, Japanese false	Chamaecyparis obtusa	
cypress, leyland	Cupressocyparis leylandii	
daffodil	Narcissus spp.	
daylilly	Hemerocallis spp.	aztec gold bright yellow (hybrid) single gold (evergreen) wilsonis yellow
dianthus (sweet william)	Dianthus spp.	
delphinium	Delphinium spp.	magic fountain
dogwood	Cornus florida	
dogwood, American	Cornus sericea	flavarimaea
douglas fir	Pseudotsuga menziesii	
dusty miller	Senecio cineraria	
elm, drake	Ulmus parvifolia	
euonymus	Euonymus fortunei	argenteo-variegata auereo-marginata colorata emerald gaiety emerald en gold gold edge gold princess silver king tricolor vegetus
fan palm, European	Chamaerops humilis	
fan palm, Mexican	Washingtonia robusta	
fern (various)	Asparagus spp.	
fescue	Festuca glauca	
fetterbush	Leucothoe fontanesiana	rainbow
figus	Ficus retusa	nitidia
fir fraser	Abies fraseri	

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forsythia	Forsythia X intermedia	Arnold dwarf bronxensis dwarf lynwood gold meadowlark weeping
	Spring Glory	
fuchsia	Fuchsia spp.	
galium	Galium odoratum	
gardenia	Gardenia jasminoides	mystery radicans
geranium	Pelargonium X hortorum	
gum	Eucalyptus citriodora	
hawthorn	Crataegus spp.	cockspur white crimson cloud enchantress Jack Evans Washington white
heather, twisted	Erica cinerea	Mediterranean pink
hemlock, Canada	Tsuga canadensis	
hibiscus	Hibiscus spp.	blue bird brilliant hula girl
holly	Ilex spp.  Ilex X meserveae     Ilex X attenuata	blue boy blue girl burfordii china girl compacta forsteri hellerie Japanese northern beauty needlepoint Nellie R. Stevens Savannah
holly, Chinese	Ilex cornuta	
holly, Japanese	Ilex crenata	
Holly, yaupon	Ilex vomitoria	
honeysuckle	Lonicera japonica	clayey's dwarf halliana tatarian Canadian white zebelli red hosta
hosta	Hosta spp. Hosta lancifolia	albo marginata
ice plant	Carpobrotus edulis	
impatiens	Impatiens spp.	
iris	Iris spp.	dwarf blue wedgewood
ivy, English	Hedera helix	bulgaria thorndale
jasmine, Asian	Trachelospermum asiaticum	

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juniper	Juniperus spp.	arcadia armstrong bar harbor
	Juniperus horizontalis	blue chip blue pacific blue rug
	Juniperus horizontalis	blue star broadmoor buffalo Calgary carpet emerald sea emerald spreader endora compacta fruitlandi green gold tip hetzi hughes Manhattan blue parsoni pfitzeriana plumosa prince of Wales procumbens dwarf
	Juniperus horizontalis	San Jose sargent blue sargent green scandia scopulorum moonglow scopulorum skyrocket spartan
	Juniperus chinensis	tamariscifolia
	Juniperus sabina	weberi youngstown yukon belle
king palm	Archontophoenix cunninghamiana	
laurel, Australian	Pittosporum tobira	
laurel, mountain	Kalmia latifolia	
leucothoe	Leucothoe fontanesiana	
ligustrum, Japanese	Ligustrum japonicum	
lily, African	Agapanthus africanus	albus Peter Pan
lily, African blue		
lily of the valley	Pieris japonica	Mt. Fire



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lilyturf	Liriope muscari	evergreen giant lilac beauty majestic monroe white variegata
liriope, green	Liriope spicata	
maple, Japanese	Acer japonicum	
maple, Norway	Acer platanoides	
maple, red*	Acer rubrum	
maple, silver	Acer saccharinum	
maple sugar*	Acer saccharum	
marigold	Tagetes patula	honeycomb variegata wheeleris dwarf
mock orange*	Philadelphus spp	golden snowflake double white
mondo grass	Ohlopogon japonicus	
moss rose	Portulaca grandiflora	sunnyside
myrtle, crape	Lagerstroemia indica	faurei langer muskogee standard pink
myrtle, wax	Myrica cerifera	
nandina	Nandina domestica	compacta nana
narcissus	Narcissus spp.	
oak, laurel	Quercus laurifolia	
oak, pin	Quercus palustris	
oak, red	Quercus rubra	
oak, southern	Quercus virginiana	
oak, willow	Quercus phellos	
oleander	Nerium oleander	hardy red petite pink Sister Agnes
osteospermum	Osteospermum fruticosum	wirligig
pachysandra	Pachysandra terminalis	
palm, bangalow		
pampas grass	Cortaderia selloana	
pansy	Viola x wittrockiana	
paper flower	Bougainvillea glabra	Barbara karst
peach*	Prunus persica	
periwinkle, dwarf	Vinca minor	
petunia	Petunia X hybrida	picoti
photinia, red tip	Photinia X fraseri	
pieris	Pieris japonica	
pine, Australian	Pinus nigra	
pine, Japanese black	Pinus thunbergiana	

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pine, loblolly	Pinus taeda	
pine, longleaf	Pinus palustris	
pine, mugo	Pinus mugho	
pine, Scotch	Pinus sylvestris	
pine, slash	Pinus elliotii	
pine, Swiss mt.	Pinus mugo	
pine, Virginia	Pinus virginiana	
pine, white	Pinus strobus	
pineapple, guava*	Feijoa sellowiana	
pieris	Pieris taiwanensis	
pittosporum, Japan		
potentilla	Potentilla nepalensis Potentilla fruticosa	abbotswood
privet	Ligustrum japonicum	golden vicary regal texanum wax yellow tipped
privet, glossy	Ligustrum lucidum	
pyracantha	Pyracantha koidzumii	gnome lalandei victory
queen palm	Arecastrum rammanzoffianum	
quince, Japanese*		
rhododendron	Rhododendron spp	album Cunningham white fashion hardy pjm purple gem silvery pink
rhododendron, carolina	Rhododendron carolinianum	
rhododendron, catawba	Rhododendron catawbiense	
rockcress	Arabis spp.	snowcap
rhodie max (rosebay)	Rhododendron maximum	
rose*	Rosa banksiae	luta
rosemary*	Rosmarinus officinalis	
rosemary, bog	Andromeda polifolia	nana
salvia	Salvia farinacea	rhea
sedum	Sedum spurium	dragon blood red red carpet yellow
snapdragon	Antirrhinum spp.	
sourwood	Oxydendrum arboreum	
spiraee	Astilbe X arendsii	fanall

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spiraea	Spiraea spp.	Anthony waterer red dolchica froebeli pink goldenflame red snowmound white Van Houtte white
spiraea, garland	Spiraea spp.	
spruce, black hills	Picea glauca	
spruce, Colorado blue	Picea pungens	
spruce, norway	Picea abies	
spruce, white	Picea glauca	conica
Sweetflag, grassy-le		
sweetgum	Liquidambar styraciflua	
sycamore	Platanus occidentalis	
tree fern (tiki fern)	Asparagus virgatus	
trumpet flower, evening	Gelsemium sempervirens	
tulip	Tulip, spp	apeldoorn
verbena, shrub	Lantana sellowiana	
vervain	Verbena spp	St. Paul

viburnum	Viburnum spp.	American cranberry bush arrowwood common snowball European cranberry bush linden Mohican Wright
vinca (periwinkle)	Vinca minor	
windmill palm	Trachycarpus fortunei	
xylosma	Xylosma congestum	
yarrow	Achillea spp.	
yaupon	Ilex vomitoria	dwarf
yew	Taxus cuspidata Taxus X media	denisiformis

\*Ornamental species only: Do not use on food producing trees and ornamentals.

### Terms and Conditions of Use

If terms of the following Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. To the extent consistent with applicable law, otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies.

### Warranty Disclaimer

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Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. To the extent consistent with applicable law, SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

### **Inherent Risks of Use**

It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperature, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer.

### **Limitation of Remedies**

To the extent consistent with applicable law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Seller's election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used.

To the extent consistent with applicable law, seller shall not be liable for losses or damages resulting from handling or use of this product unless Seller is promptly notified of such loss or damage in writing. To the extent consistent with applicable law, in no case shall Seller be liable for consequential or incidental damages or losses.

The terms of the Warranty Disclaimer, Inherent Risks of Use, and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of the Seller or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

### **[Optional Label Claims]**

- A Selective Herbicide Plus Fertilizer that Provides Control of Crabgrass and Other Listed Weeds in Established Lawns and Ornamental Turfgrasses and Residential Landscapes.
- Granular Fertilizer - Providing the Nutrients Needed for Beautiful Healthy Lawn and Ornamentals.
- Contains Dithiopyr 0.25% Plus Fertilizer - A Herbicide for Crabgrass Control.
- Can Be Applied Up to 4 Weeks Later Than Other Preemergence Crabgrass Preventers.
- This Bag Treats Up To Square Feet

**BIOLOGIC, Inc.**  
*agribusiness professionals*

August 20, 2012

Document Processing Desk (AMEND)  
Office of Pesticide Programs  
U.S. EPA (7504P)  
US Environmental Protection Agency  
2777 S. Crystal Drive  
Arlington, VA 22202

Attention: Ms. Kathryn Montague, PM #23

RE: **"Dithiopyr 0.25% plus Fertilizer", EPA Reg. No. 53883-208**  
Amendment – Create MASTER LABEL to add Residential Use Directions.

Dear Ms. Montague:

On behalf of Control Solutions, Inc. please find enclosed an Application for Pesticide Amendment for the above mentioned product. This Amendment action is create a Master Label to add residential use directions to the label and create "Commercial Use" and "Residential Use" sections.

The following documents are enclosed to process this Amendment action:

1. Application for Pesticide Amendment (EPA Form 8570-1)
2. Certification with Respect to Citation of Data (EPA Form 8570-34)
3. Data Matrix
4. One (1) copy of the "Me-Too" label "Dimension 0.25% FG", EPA Reg. No. 62719-492.
5. One (1) copy of the proposed label with the additions/deletions highlighted in yellow.
6. Three (3) copies of clean amended labeling.

This action will not fall under PRIA. Should you have any questions, or wish to reach me, please feel free to contact our office at 203-740-1200.

Sincerely,



Jane Miller

Agent to Control Solutions, Inc.

115 Obtuse Hill Road • Brookfield, CT 06804  
Tel: 203.740.1200 • Fax: 203.740.1220  
Email: [jmiller@biologicconsulting.com](mailto:jmiller@biologicconsulting.com)



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**401 M Street, S.W.**  
**WASHINGTON, D.C. 20460**

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 1.25 hours per response for registration and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the completed form to this address.

**Certification with Respect to Citation of Data**

Applicant's/Registrant's Name, Address, and Telephone Number Control Solutions, Inc. c/o Biologic, Inc. 115 Obtuse Hill Road Brookfield, CT 06804	EPA Registration Number/File Symbol 53883-208
Active Inredient(s) and/or representative test compound(s) Dithiopyr	Date August 20, 2012
General Use Pattern(s) (list all those claimed for this product using 40 CFR Part 158) Terrestrial Non-Food, Domestic Outdoor	Product Name Dithiopyr 0.25% Plus Fertilizer

**NOTE:** If your product is a 100% repackaging of another purchased EPA-registered product labeled for all the same uses on your label, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

☐ I am responding to a Data-Call-In Notice, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

**SECTION I: METHOD OF DATA SUPPORT (Check one method only)**

☐ I am using the cite-all method of support, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

☒ I am using the selective method of support (or cite-all option under the selective method), and have included with this form a completed list of data requirements (the Data Matrix form must be used).

**SECTION II: GENERAL OFFER TO PAY**

[Required if using the cite-all method or when using the cite-all option under the selective method to satisfy one or more data requirements]

☒ I hereby offer and agree to pay compensation, to other persons, with regard to the approval of this application, to the extent required by FIFRA.

**SECTION III: CERTIFICATION**

I certify that this application for registration, this form for reregistration, or this Data-Call-In response is supported by all data submitted or cited in the application for registration, the form for reregistration, or the Data-Call-In response. In addition, if the cite-all option or cite-all option under the selective method is indicated in Section I, this application is supported by all data in the Agency's files that (1) concern the properties or effects of this product or an identical or substantially similar product, or one or more of the ingredients in this product; and (2) is a type of data that would be required to be submitted under the data requirements in effect on the date of approval of this application if the application sought the initial registration of a product of identical or similar composition and uses.

I certify that for each exclusive use study cited in support of this registration or reregistration, that I am the original data submitter or that I have obtained the written permission of the original data submitter to cite that study.

I certify that for each study cited in support of this registration or reregistration that is not an exclusive use study, either: (a) I am the original data submitter; (b) I have obtained the permission of the original data submitter to use the study in support of this application; (c) all periods of eligibility for compensation have expired for the study; (d) the study is in the public literature; or (e) I have notified in writing the company that submitted the study and have offered (i) to pay compensation to the extent required by sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA; and (ii) to commence negotiations to determine the amount and terms of compensation, if any, to be paid for the use of the study.

I certify that in all instances where an offer of compensation is required, copies of all offers to pay compensation and evidence of their delivery in accordance with sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA are available and will be submitted to the Agency upon request. Should I fail to produce such evidence to the Agency upon request, I understand that the Agency may initiate action to deny, cancel or suspend the registration of my product in conformity with FIFRA.

I certify that the statements I have made on this form and all attachments to it are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature 	Date Aug. 20, 2012	Typed or Printed Name and Title Jane M. Miller, Agent
---------------	-----------------------	--

# FAST-TRACK AMENDMENTS – Completeness Screening Checklist

Expert's In-Processing Signature: Achable Date: 8/27/12 PM #: 23

EPA Reg. Number: <u>53883-208</u>		EPA Receipt Date: <u>8/21/12</u>		
	Checklist Item	Yes	No	N/A
1	Application Form (EPA Form 8570-1) - signed?	✓		
2	Confidential Statement of Formula (EPA Form 8570-29) - signed?			✓
3	Certification with Respect to Citation of Data (EPA Form 8570-34) - signed?	✓		
4	Formulator's Exemption Statement (EPA Form 8570-27) - signed?			✓
5	Data Matrix (EPA Form 8570-35) [Applicable for adding me-too uses] - signed?	✓		
	a) Selective Method?	✓		
	b) Cite-All Method?			
	c) Public copy of Matrix provided? See PR Notice 98-5	✓		
6	Is Label included? (5 copies)	✓		
	a) Electronic Label submitted?		✓	
Comments:				

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**401 M Street, S.W.**  
**WASHINGTON, D.C. 20460**

Based on Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per reregistration and special review activities, including time for reviewing the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

Date August 20, 2012

**DATA MATRIX**

Applicant's/Registrant's Name & Address

Control Solutions, Inc. 115 Obluse Hill Road Brookfield, CT 06804

Ingredient Dithiopyr

EPA Reg. No./File Symbol 53883-208

Product

Dithiopyr 0.25% Plus Fertilizer

Page 1 of 6

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550	Product Identity and Composition	46962501	Control Solutions	OWN	
830.1600	Description of Materials Used to Produce the Product	46962501	Control Solutions	OWN	
830.1650	Description of Formulation Process	46962501	Control Solutions	OWN	
830.1670	Discussion of Formation of Impurities	46962501	Control Solutions	OWN	
830.1750	Certified Limits	46962501	Control Solutions	OWN	
830.1800	Enforcement Analytical Method	46962501	Control Solutions	OWN	
830.1900	Submittal of Samples	46962501	Control Solutions	OWN	
830.6302	Color	46962501	Control Solutions	OWN	
830.6303	Physical State	46962501	Control Solutions	OWN	1
830.6304	Odor	46962501	Control Solutions	OWN	
330.6314	Oxidation / Reduction: Chemical Incompatibility	46962501	Control Solutions	OWN	
830.6315	Flammability / Flame Extension				
830.6316	Explosibility				2
830.6317	Storage Stability				3
830.6319	Miscibility	48878701	Control Solutions	OWN	4
Signature <i>Jane M Miller</i>			Name and Title Jane M. Miller, Agent for Control Solutions		5

Based on EPA Form 3570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

Agency Internal Use Copy

Date 08/20/2012



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**401 M Street, S.W.**  
**WASHINGTON, D.C. 20460**

Based on Form Approved OMB No. 2070-0060

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Date August 20, 2012

**DATA MATRIX**

Applicant's/Registrant's Name & Address		EPA Reg. No./File Symbol 53883-208	Page 2 of 6
Control Solutions, Inc.		Product	
Ingredient Dithiopyr		Dithiopyr 0.06% Plus Fertilizer	

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6320	Corrosion Characteristics	48878701	Control Solutions	OWN	
830.6321	Dielectric Breakdown Voltage				
830.7000	pH				
830.7100	Viscosity	46962501	Control Solutions	OWN	6
830.7300	Density				
870.1100	Acute Oral Toxicity	46962501	Control Solutions	OWN	7
870.1200	Acute Dermal Toxicity	Cite-All		PAY	
870.1300	Acute Inhalation Toxicity	Cite-All		PAY	
870.2400	Acute Eye Irritation	Cite-All		PAY	
870.2500	Acute Dermal Irritation	Cite-All		PAY	
870.2600	Skin Sensitization	Cite-All		PAY	

These companies appear on the Data Submitters list for Dithiopyr have been sent OTP letters

	Bayer CropScience LP	PAY	
	Research Triangle Park, NC		
	Lebanon Seaboard Corp.	PAY	
	Lebanon, PA		
	PBI/Gordon Corp	PAY	
	Kansas City, MO		
	Gro-Pro LLC	PAY	
	Gig Harbor, WA		
Signature	Jane M. Miller	Name and Title	Date
		Jane M. Miller, Agent for Control Solutions	08/20/2012

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Agency Internal Use Copy

Based on Form Approved OMB No. 2070-0060

Date August 20, 2012

DATA MATRIX

...on: gently, 401 M Street, S.W.

Applicant's/Registrant's Name & Address  
Control Solutions, Inc. 115 Old...

Product  
EPA Reg. No./File Symbol 53883-208

10 Colusa Hill Road Brookfield, CT 06804

### Ingredient Dithiopyr

Lithiopyr 0.25% Plus Fertilizer

Page 3 of 6

Based on EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version

Name and Title	Jane M. Miller, Agent for Control Solutions
----------------	---

Date \_\_\_\_\_

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**401 M Street, S.W.**  
**WASHINGTON, D.C. 20460**

Based on Form Approved OMB No. 2070-0060

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Date August 20, 2012

Applicant's/Registrant's Name & Address

Control Solutions, Inc. 115 Obluse Hill Road Brookfield, CT 06804

Ingredient Dithiopyr

EPA Reg. No./File Symbol 53883-208

Product

Dithiopyr 0.25% Plus Fertilizer

**DATA MATRIX**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		Cite-All			
			Lesco Inc.	PAY	
			Cleveland, OH		
			Loveland Products, Inc.	PAY	
			Greeley, CO		
			Dow Agrosciences LLC		
			Indianapolis, IN	PAY	
			Nufarm Americas		
			Morrisville, NC	PAY	
			FMC Corp.		
			Philadelphia, PA	PAY	
			Nufarm Ltd.		
			Morrisville, NC	PAY	
			Agricultural Reentry Task Force		
			Washington, DC	PAY	
			Nations AG #		
			Raleigh, NC	PAY	
			Agricultural Handlers Exposure TF		
			Macon, MO	PAY	
Signature			Name and Title		Date
			Jane M. Miller, Agent for Control Solutions		08/20/2012

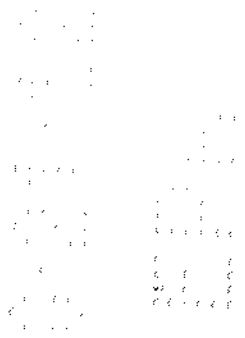
Based on EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

Agency Internal Use Copy



Data Matrix Footnotes

1. Not required at this time for this end-use product.
2. Not applicable. Neither the technical grade active ingredient nor the inert ingredients are considered strong oxidizing or reducing agents.
3. Not applicable. Product does not contain combustible liquids.
4. Not applicable. Neither the technical grade active ingredient nor the inert ingredients are considered as potentially explosive.
5. Not applicable. Product is not an emulsifiable liquid.
6. Not applicable. Product is not intended to be used around electrical equipment.
7. Not applicable. Product is not a liquid.





United States  
Environmental Protection Agency  
Washington, DC 20460

☐ Registration  
☒ Amendment  
☐ Other

OPP Identifier Number

## Application for Pesticide - Section I

1. Company/Product Number 53883-208	2. EPA Product Manager K. Montague	3. Proposed Classification <input type="checkbox"/> Nono <input type="checkbox"/> Restricted
4. Company/Product (Name) Dithiopyr 0.25% Plus Fertilizer	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Control Solutions, Inc. c/o Biologic, Inc. 115 Obtuse Hill Road Brookfield, CT 06804 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. 62719-492 Product Name Dimension 0.25% FG	

## Section - II

<input checked="" type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

On behalf of Control Solutions, Inc. we are submitting this amendment to create a "Master Label" to include residential use directions to the label as appear on the "Me-Too" label listed. This action will not fall within PRIA.

Jane M. Miller - Tel: 203-740-1200; Fax: 203-740-1220; Email: jmill@biologicconsulting.com

## Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Packaga wgt	No. per container	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

## Section - IV

t. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Jane M. Miller	Title Agent	Telephone No. (Include Area Code) (203) 740-1200	
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature 	3. Title Agent		
4. Typed Name Jane M. Miller	5. Date August 20, 2012		



United States  
**Environmental Protection Agency**  
 Office of Pesticide Programs (7505C)  
 Washington, DC 20460

**Notice of Supplemental Distribution of a Registered Pesticide Product**

**Instructions**

After a registrant has obtained final registration for the basic product, the registrant may then supplementally distribute his/her product. One form must be submitted for each distributor product and must be signed by the distributor involved. The basic registration number and the distributor company number must be shown.

If a registrant has a potential distributor who does not have a company number assigned, she/he should have the distributor apply, on letterhead stationery, to the Registration Division to have a number assigned prior to submitting this form to the agency.

This Notice of Supplemental Distribution must be submitted by the basic registrant. The completed form must have the concurrence and signature of both the registrant and the distributor.

EPA Registration Number of Product

53883-208

Distributor Company Number

66840

**Note: Do not submit distributor product labels**

Name of Registered Product (basic product name accepted by EPA)

Dithiopyr 0.25 Plus Fertilizer

Distributor Product Name

Greenskeeper's Secret Crabgrass Preventer Dithiopyr 0.25% Plus Fertilizer

Name and Address of Distributor (Type; include ZIP code)

T and N, Inc.  
 815 Hwy. T  
 Foristell, MO 63348

**Read All Conditions Before Signing**

1. The distributor product must have the same composition as the basic product.
2. The distributor product must be manufactured and packaged by the same person who manufactures and packages the registered basic product.
3. The labeling for the distributor product must bear the same claims as the basic product, provided, however, that specific claims may be deleted if by doing so, no other changes to the label are necessary.
4. The product must remain in the manufacturer's unbroken container.
5. The label must bear the EPA registration number of the basic product, followed by a hyphen and the distributor's company number.
6. Distributor product labels must bear the name and address of the distributor qualified by such terms as "packed for...", "distributed by..."; or "sold by..." to show that the name is not that of the manufacturer.
7. All conditions of the basic registration apply equally to distributor products. It is the responsibility of the basic registrant to see that all distributor labeling is kept in compliance with requirements placed on the basic product.

**Distributor**

We intend to market our product under the Distributor Product Name specified above, subject to the conditions specified on this Notice.

Signature and Title of Distributor

*Mark A. Stephens* V.P. & C.E.O. TAND, INC.

Date

4/4/11

**Registrant**

I agree that the distributor named above may distribute and sell the Distributor Product specified above, subject to the conditions specified on this Notice.

Signature and Title of Registrant

*Stacy*

Date

4/4/11

# Material to be added to an e-Jacket/Jacket

Reg. No. 228-703

Description: New Product

1. ☐ Placement within the e-Jacket/jacket:
- ☐ Default: (chronological, top = newest)
  - ☐ File Location: (PDF page number, i.e., "before page 45")

2. ☒ Send to Data Extraction contractors this material:

- ☒ Newly stamped accepted label
- ☐ Notification
- ☒ New CSF
- ☐ Other: \_\_\_\_\_

3. Attach this coversheet to the top of the material or jacket. It must be well organized and clipped together, NOT STAPLED. Then give the material with this coversheet to staff in the Information Services Center (Room S-4900).

Reviewer's Name: Bethany Binkow

Phone: 347-8072 Division: RD/HB

Date: MAY - 6 2010

Created August 14, 2008



# Material to be added to an e-Jacket/Jacket

Reg. No. 53883-208

Description: NEW OUT. CSF

1. ☒ Placement within the e-Jacket/jacket:

☒ Default: (chronological, top = newest)

☐ File Location: (PDF page number, i.e., "before page 45")

2. ☒ Send to Data Extraction contractors this material:

☐ Newly stamped accepted label

☐ Notification

☒ New CSF

☐ Other: \_\_\_\_\_

3. Attach this coversheet to the top of the material or jacket. It must be well organized and clipped together, NOT STAPLED. Then give the material with this coversheet to staff in the Information Services Center (Room S-4900).

Reviewer's Name: Juanita Gilchrist

Phone: 305 6959 Division: RD/HB

Date: \_\_\_\_\_

Created August 14, 2008

# MATERIAL TO BE ADDED TO JACKET

REG #

53883-208

Description:

Notification per PRN 98-10

check all that apply	
<input type="checkbox"/>	new stamped accepted label
<input type="checkbox"/>	new CSF
<input checked="" type="checkbox"/>	notification

Send to CSC

## Instructions:

Attach this sheet to the top of **ALL** material sent to the file room (both loose paper and new material in jackets). This sheet will be imaged; a clear description will aid in finding material in the e-jacket. Remove staples from all material. If returning loose paper then hold together with a binder or paper clip. CSFs should be placed in the CSF folder (if returning jacket) or covered with a red CBI sheet (if returning loose paper). Material to be returned to file room should be place in the appropriate bin.

Reviewer's

Name:

Terri Stowe

Date:

7-2-10

Phone:

305-6117

Division:

RD



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

JUN 30 2010

Don O'Shaughnessy, Ph.D.  
Agent for Control Solutions, Inc.  
c/o D. O'Shaughnessy Consulting, Inc.  
427 Hide Away Circle  
Cub Run, KY 42729

SUBJECT: Applications for Pesticide Notification per PR Notice 98-10: Updated Alternate  
Confidential Statements of Formula (CSFs)

Dithiopyr 0.13% Plus Fertilizer	EPA Reg. No. 53883-207
Dithiopyr 0.25% Plus Fertilizer	EPA Reg. No. 53883-208
Dithiopyr 0.172% Plus Fertilizer	EPA Reg. No. 53883-209
Dithiopyr 0.107% Plus Fertilizer	EPA Reg. No. 53883-210
Dithiopyr 0.06% Plus Fertilizer	EPA Reg. No. 53883-211
Dithiopyr 0.086% Plus Fertilizer	EPA Reg. No. 53883-212

Applications Dated October 28, 2009 and Alternate CSFs Dated October 29, 2009

Dear Dr. O'Shaughnessy:

The Agency is in receipt of your Applications for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above products. The Registration Division (RD) has conducted a review of these requests for their applicability under PRN 98-10 and finds that the actions requested fall within the scope of this PRN. The Alternate CSFs dated October 29, 2009 that were submitted with the above applications dated October 28, 2009, are acceptable and date-stamped "Notification", and will be placed in our records.


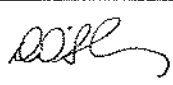
If you have any questions, please call me directly at 703-305-6249 or Terri Stowe of my staff at 703-305-6117.

Sincerely,

Linda Arrington  
for  
Notifications & Minor Formulations Team Leader  
Registration Division (7505P)  
Office of Pesticide Programs

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95

 <b>United States Environmental Protection Agency</b> Washington, DC 20460		<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number <div style="font-size: 1.5em;">259579</div>
<b>Application for Pesticide - Section I</b>			
1. Company/Product Number Control Solutions, Inc., / 53883 - 208		2. EPA Product Manager J. Miller	
4. Company/Product (Name) Control Solutions, Inc. / Dithiopyr 0.25% Plus Fertilizer		3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted	
5. Name and Address of Applicant (Include ZIP Code) Control Solutions, Inc., 5903 Genoa - Red Bluff, Pasadena, TX 77507  <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(ii), my product is similar or identical in composition and labeling to: EPA Reg. No. _____  Product Name _____	
<b>Section - II</b>			
<input type="checkbox"/> Amendment - Explain below. <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.		<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application. <input type="checkbox"/> Other - Explain below.	
<b>NOTIFICATION</b>  <div style="font-size: 1.2em;">JUN 30 2010</div>			
<b>Explanation:</b> Use additional page(s) if necessary. (For section I and Section II.) alternate formulations - new source of registered ai, addition of small amount of			
<b>Section - III</b>			
1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  If "Yes" Unit Packaging wgt.    No. per container	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  If "Yes" Package wgt    No. per container	2. Type of Container <input checked="" type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted			
3. Location of Not Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 30 lb, 50 lb, bulk	5. Location of Label Directions <input type="checkbox"/> booklet
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____	
<b>Section - IV</b>			
1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Don O'Shaughnessy, Ph.D., DABT, DABFM		Title Agent	Telephone No. (Include Area Code) (270) 524-5633
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received  (Stamp)
2. Signature 		3. Title Agent	
4. Typed Name Don O'Shaughnessy		5. Date 10/28/09	

doc

D. O'Shaughnessy Consulting, Inc.

Oct. 29, 2009

Ms Joanne Miller (PM 23)  
US EPA, OPP, Registration Division (7505P)  
Rm. S-4900, One Potomac Yard  
2777 South Crystal Drive  
Arlington, VA 22202-4501

Dear Ms. Miller,  
RE: NOTIFICATION of alternate formulations and Brand Names, Control Solutions Fertilizers with  
dithiopyr, 53883-207, 53883-208, 53883-209, 53883-210, 53883-211, 53883-212, 53883-213

Enclosed are applications on behalf of Control Solutions, Inc. to add alternate formulations and  
Brand Names to the subject products. Also enclosed is an alternate CSF for each product.

This is to reflect an alternate source of registered [REDACTED] and [REDACTED]  
[REDACTED]. Since the use of the alternate source of active ingredient  
precludes the use of the trademark "Dimension", which is owned by Dow Agrisciences, it is also  
necessary to apply an alternate trade name to the products, and CSI has elected to simply use  
the generic name of the active ingredient, i.e. "Dithiopyr Plus Fertilizer".

As always, please feel free to contact me at the co-ordinates on this letterhead or on my cell  
phone at 270-537-5139.

Sincerely,



Don O'Shaughnessy, Ph.D., DABT, DABFM



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Mr. Don O'Shaughnessy  
Control Solutions, Inc.  
5903 Genoa - Red Bluff  
Pasadena, TX 77507

JAN 17 2010

Dear Mr. O'Shaughnessy:

SUBJECT: Review of Alternate Confidential Statement of Formula (CSF)  
Dithiopyr 0.25% Plus Fertilizer  
Reg. No.: 53883-208  
Your Application Dated: January 21, 2010

The amendment referred to above, submitted in connection with registration under the Federal Insecticide Fungicide and Rodenticide Act (FIFRA), as amended is acceptable.

The alternate CSF (dated 1/21/10) has been added to your records as current and updated.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Kathryn V. Montague".

Kathryn V. Montague  
Product Manager (23)  
Herbicide Branch  
Registration Division (7505P)

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95

	United States <b>Environmental Protection Agency</b> Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number <div style="font-size: 1.5em;">259579</div>
--	---	--	--

### Application for Pesticide - Section I

1. Company/Product Number Control Solutions, Inc., / 53883 - 208	2. EPA Product Manager J. Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Control Solutions, Inc. / Dithiopyr 0.25% Plus Fertilizer	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Control Solutions, Inc., 5903 Genoa - Red Bluff, Pasadena, TX 77507  <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(ii), my product is similar or identical in composition and labeling to: EPA Reg. No. _____  Product Name _____

### Section - II

<input type="checkbox"/> Amendment - Explain below.  <input type="checkbox"/> Resubmission in response to Agency letter dated _____  <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application.  <input type="checkbox"/> Other - Explain below.
--	---


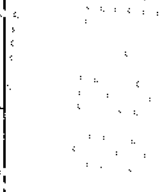
**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

alternate formulations - add \_\_\_\_\_ and allow for use of \_\_\_\_\_ as alternate for \_\_\_\_\_

### Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging			
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted If "Yes" Unit Packaging wgt.    No. per container		If "Yes" Package wgt    No. per container			
Location of Net Contents Information		4. Size(s) Retail Container		5. Location of Label Directions	
<input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		30 lb, 50 lb, bulk		<input type="checkbox"/> booklet	
6. Manner in Which Label is Affixed to Product			<input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____		

### Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Don O'Shaughnessy, Ph.D., DABT, DABFM		Title Agent		Telephone No. (Include Area Code) (270) 524-5633	
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					8. Date Application Received  (Stamped)
2. Signature 		3. Title Agent			
4. Typed Name Don O'Shaughnessy		5. Date 1/21/10			

# MATERIAL TO BE ADDED TO JACKET

REG #

53883-208

Description:

Notification for PRN 2007-4

check all that apply	
<input type="checkbox"/>	new stamped accepted label
<input type="checkbox"/>	new CSF
<input checked="" type="checkbox"/>	notification

**Send to CSC**

## Instructions:

Attach this sheet to the top of **ALL** material sent to the file room (both loose paper and new material in jackets). This sheet will be imaged; a clear description will aid in finding material in the e-jacket. Remove staples from all material. If returning loose paper then hold together with a binder or paper clip. CSFs should be placed in the CSF folder (if returning jacket) or covered with a red CBI sheet (if returning loose paper). Material to be returned to file room should be place in the appropriate bin.

Reviewer's  
Name:

Nicole Williams-

Date:

3-15-10

Phone:

308-5551

Division:

PD





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES.

Amy Warren  
Registration Specialist  
Control Solutions, Inc.  
5903 Genoa-Red Bluff  
Pasadena, TX 77507-1041

MAR 3 2010

Subject: Label Notification(s) for Pesticide Registration Notice 2007-4

Dear Ms. Warren:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated January 26, 2010 for:

**EPA Registration 53883-207**

**Dithiopyr 0.13% Plus Fertilizer**

**EPA Registration 53883-208**

**Dithiopyr 0.25% Plus Fertilizer**

The Registration Division (RD) has conducted a review of this request for applicability under PRN 2007-4 and finds that the label change(s) requested falls within the scope of PRN-2007-4. The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact me directly at 703-305-6249 or Nicole Williams of my staff at 703-308-5551.

Sincerely,

A handwritten signature in black ink, appearing to read "Linda Arrington".

Linda Arrington  
Notifications & Minor Formulations Team Leader  
Registration Division (7505P)  
Office of Pesticide Programs



United States  
Environmental Protection Agency  
Washington, DC 20460

☐ Registration  
☐ Amendment  
☒ Other

OPP Identifier Number

## Application for Pesticide - Section I

1. Company/Product Number 53883 - 208	2. EPA Product Manager Joanne Miller	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Dithiopyr 0.25% Plus Fertilizer	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Control Solutions, Inc. 5903 Genoa-Red Bluff Pasadena, TX 77507-1041 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

## Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	<b>NOTIFICATION</b>  MAR 8 - 2010
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

## Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
Certification must be submitted If "Yes" Unit Packaging wgt. No. per container		If "Yes" Package wgt. No. per container			
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 1 pound-50 pound		5. Location of Label Directions <input checked="" type="checkbox"/> on label	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued Stenciled <input type="checkbox"/> Other _____					

## Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)				
Name Amy Warren		Title Regulatory Affairs Specialist		
		Telephone No. (Include Area Code) 800-242-5562		
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received  (Stamped)	
2. Signature 		3. Title Regulatory Affairs Specialist		
4. Typed Name Amy Warren		5. Date 1-26-10		

**CSI**  
**CONTROL**  
**SOLUTIONS**  
incorporated

January 26, 2010

Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504P)  
U.S. Environmental Protection Agency  
Room S-4900, One Potomac Yard  
2777 S. Crystal Drive  
Arlington, VA 22202-4501

**Re: Notification per (PR) Notice 2007-4, Labeling Revisions required by the Final Rule  
"Pesticide Management and Disposal"  
Dithiopyr 0.25% Plus Fertilizer (EPA Reg. No. 53883-208)**

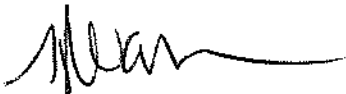
Dear Sir or Madam:

Enclosed is a Notification for (PR) 2007-4; See highlighted text on attached labeling.

Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

If you have any questions or need additional information, please feel free to contact me.

Sincerely,



Amy Warren  
Regulatory Affairs Specialist  
Control Solutions, Inc.

NOTIFICATION

MAR 8 - 2010

## Dithiopyr 0.25% Plus Fertilizer

### TURF AND ORNAMENTAL HERBICIDE

For Season-Long Control of Crabgrass and Control or Suppression of Listed Annual Grasses and Broadleaf Weeds in Established Lawns and Ornamental Turf, including Golf Course Fairways, Roughs and Tee Boxes, and in Established Landscape Ornamentals.

In the state of New York this product may be applied only by commercial applicators at no more than 200 lbs. (0.5 pounds AI) per acre (4.6 lbs. per 1,000 sq. ft.) per year. Not for use in Nassau or Suffolk Counties.

**Active Ingredient:**

Dithiopyr: S,S'-dimethyl 2-(difluoromethyl)-4-(2-methylpropyl)-6-(trifluoromethyl)-3,5-pyridinedicarbothioate ..... 0.25%

**Inert Ingredients:** ..... 99.75%

**TOTAL:** ..... 100.00%

EPA REG NO. 53883-208

EPA EST. NO. XXXXX-XXX-XXX

Net Weight:

Control Solutions, Inc.  
5903 Genoa-Red Bluff Rd.  
Pasadena, TX 77507-1041

Guaranteed Fertilizer Analysis: XX-XX-XX

KEEP OUT OF REACH OF CHILDREN

**CAUTION**

See [back] [side] [other] panel for further precautions and First Aid information

<b>FIRST AID</b>	
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or physician immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or physician.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>HOT LINE NUMBER</b> Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1-800-858-7378.	

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### CAUTION

Harmful if inhaled. Causes moderate eye irritation. Avoid breathing dust. Remove and wash contaminated clothing before reuse. Avoid contact with eyes or clothing. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

#### Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves such as natural rubber
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### Use Safety Recommendations

Users should:

- Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.
- Remove clothing/PPE if pesticide gets inside. Then wash thoroughly and put on clean clothing.

#### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and highly toxic to other aquatic organisms including oysters and shrimp. Use with care when applying to turf areas adjacent to any body of water. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may adversely affect aquatic organisms in adjacent aquatic sites. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwaters.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves
- Shoes plus socks

### NON-AGRICULTURAL USE REQUIREMENTS:

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

- Keep unprotected persons out of treated area during application and until dust has settled.

### GENERAL INFORMATION

Dithiopyr 0.25% Plus Fertilizer provides season-long control of crabgrass and control or suppression of listed annual grasses and broadleaf weeds in established lawns and ornamental turf, including golf course fairways, roughs and tee boxes, and in established landscape ornamentals. This product also provides postemergent crabgrass control up to the 4-leaf stage.

**SPREADER SETTINGS** to apply at the listed pounds per 1,000 square feet

*(to be furnished at printing)*

### FOR USE ON TURF

Dithiopyr 0.25% Plus Fertilizer provides season-long control of crabgrass and other annual grasses and broadleaf weeds in established lawns and ornamental turf, including golf course fairways, roughs and tee boxes. Dithiopyr 0.25% Plus Fertilizer will not harm nearby established ornamentals identified on this label as "Tolerant Ornamentals" when used according to label directions.

Apply this product only to seeded, sodded, or sprigged lawns and ornamental turf that is well established. Before the use of Dithiopyr 0.25% Plus Fertilizer, the grass must have a developed root system and a uniform stand. Following seeding, sodding or sprigging, the turf must be mowed at least two times. Injury may result if the turf is not well established, or stressed by weather, pests, disease, chemical or other related conditions.

Dithiopyr 0.25% Plus Fertilizer may be applied to established turfgrass species listed on this label. When applied as directed, the following turfgrass species are tolerant to this product:

COOL-SEASON GRASSES	USE PRECAUTIONS
Creeping Bentgrass <sup>1</sup> ( <i>Agrostis palustris</i> ), Kentucky Bluegrass ( <i>Poa pratensis</i> ), Fine Fescue <sup>2</sup> ( <i>Festuca rubra</i> ), Tall Fescue ( <i>Festuca arundinacea</i> ), Perennial Ryegrass ( <i>Lolium perenne</i> ),	<sup>1</sup> Turfgrass injury may result from the use of this product on certain varieties of creeping bentgrass such as Cohansey, Carmen, Seaside and Washington. Not all varieties of creeping bentgrass have been tested. Do not apply this product to Colonial Bentgrass ( <i>Agrostis tenuis</i> ) varieties.  <sup>2</sup> Turfgrass injury may result from use of this product on the following varieties of Fescue such as Atlanta, Banner, Beauty, Bilgart, CF-2, Enjoy, HF-93, Highlight, Ivalo, Koket, Jamestown, Majenta, Mary, Pennilawn, Tamara, Tatiana, Walfort and Waldina. Not all varieties of fescue have been tested.
WARM-SEASON GRASSES	
Bahiagrass ( <i>Paspalum notatum</i> ), Bermudagrass ( <i>Cynodon dactylon</i> ), Buffalograss <sup>3</sup> ( <i>Buchloe dactyloides</i> ), Carpetgrass ( <i>Axonopus compressus</i> ), Centipedegrass ( <i>Eremochloa ophiuroides</i> ), Kikuyugrass ( <i>Pennisetum clandestinum</i> ), St. Augustinegrass ( <i>Stenotaphrum secundatum</i> ), Zousiagrass ( <i>Zoysia japonica</i> )	<sup>3</sup> Do not use this product on seedling Buffalograss in the spring of the first year of establishment until the turfgrass is fully green and has established new roots.

**NOTE:** It is not possible to evaluate all turfgrass varieties for tolerance to this product. It is suggested that the user evaluate the response to turfgrass varieties not listed on this label on a limited area, at recommended use rates, prior to initiating large-scale use.

#### RESEEDING, OVERSEEDING OR SPRIGGING

Reseeding, overseeding, or sprigging of treated areas within 10 weeks after a single application of this product or within 16 weeks after a split application program may inhibit the establishment of desirable turfgrasses. When seeding or overseeding, follow good cultural practices such as soil cultivation, irrigation and fertilization. For best results, use mechanical or power seeding equipment (slit seeders) for good seed-to-soil contact.

#### USE RESTRICTIONS

- Do not apply more than 4.6 lbs./1,000 sq. ft. (0.5 lbs. Al/acre) per application.
- Do not apply more than 13.8 lbs./1,000 sq. ft. (1.5 lbs. Al/acre) per year.
- In New York, do not apply more than 4.6 lbs. /1,000 sq. ft. per year.
- Do not use clippings from treated turf for animal feed or for mulching around vegetables or fruit trees.
- Do not allow domestic animals to feed or forage on treated turf.
- Keep people and pets off treated areas until dust has settled.
- Do not use on golf course putting greens.

#### CRABGRASS CONTROL

Dithiopyr 0.25% Plus Fertilizer provides pre-emergence control of crabgrass (large, smooth, and southern species) when applied prior to emergence of crabgrass from the ground. Dithiopyr 0.25% Plus Fertilizer provides "early post-emergence" control during the early stages of growth after crabgrass emerges from the ground. This early post-emergence control is limited and applications are only effective if applied before the crabgrass has its 3-leaf or first tiller (which usually is about the time when you can first see the

crabgrass in the lawn). With this post-emergence activity, the applicator has 2 to 4 weeks longer to make applications for control of crabgrass.

For best results, apply Dithiopyr 0.25% Plus Fertilizer within a few days after mowing and delay mowing again for a few days after application. Rainfall or irrigation activates the product. Improved weed control will result if the application is followed by ½ inch of rainfall or sprinkler irrigation. Weed control may be hampered if rainfall or irrigation does not occur within 30 days after application. Split, or half rate applications spaced 5 to 10 weeks apart may also enhance weed control. Cultural practices such as aerification and de-thatching should be completed and the turf allowed to recover before application of this product.

#### **APPLICATION TIMING**

This product may be applied as a single application, split application, or as a sequential application for crabgrass control in the spring, summer, or fall as described below.

**SPRING APPLICATIONS:** For single applications in the spring or early summer, follow the appropriate rate listed in "TABLE 1: APPLICATION RATES FOR CRABGRASS CONTROL" below. Rates are based on the location to be used (Region), the mowing height of the turfgrass, and whether the timing of the application is considered preemergence or postemergence. The length of residual weed control is dependent on the total rate applied, but may vary depending on weather, weed pressure and location.

Program 1: For preemergence control to turf mowed relatively high, such as home lawns. This program will provide 3 to 5 months of preemergence crabgrass control. This program should not be used for early postemergence control of crabgrass.

Program 2: For preemergence control at sites where the turf is mowed relatively low, such as golf course fairways, and where turfgrass maintenance and weed control applications were made the previous year. This program will provide 4 to 6 months of preemergence crabgrass control. This program may also be used for early postemergence control of crabgrass up to the fifth leaf, or first tiller, at locations where the turf is cut high.

Program 3: For preemergence control at locations where turf is mowed relatively low, such as golf course fairways, and where turfgrass maintenance and weed control applications were not made the previous year. This program will provide 4 to 6 months of preemergence crabgrass control. This program may also be used for early postemergence control of crabgrass up to the fifth leaf, or first tiller, at locations where the turf is cut relatively low.

**FALL APPLICATIONS:** Dithiopyr 0.25% Plus Fertilizer may be applied in late summer or early fall (late August through November). Follow the instructions for "Program 3" for crabgrass control through the early part of the next spring. Fall applications may be followed by an appropriate spring application to provide season-long control.

*[Optional Language:*

#### **TURF GRASS REGIONS**

*Insert map showing regions for crabgrass control as noted in table below]*



**TABLE 1: APPLICATION RATES FOR CRABGRASS CONTROL**

REGION	PROGRAM 1 Preemergence (high-cut turf)	PROGRAM 2 Preemergence (low-cut turf) Postemergence (high-cut turf)	PROGRAM 3 Preemergence (low-cut turf) Postemergence (low-cut turf)
All states not designated below and parts of states not included in transition, south, coastal south or west.	1.7 lb./1,000 sq. ft. (76 lb./acre or 0.19 lb./Al/acre)	2.3 lb./1,000 sq. ft. (100 lb./acre or 0.25 lb./Al/acre)	3.5 lb./1,000 sq. ft. (152 lb./acre or 0.38 lb./Al/acre)
Transition: DE, KS, KY, MD, MO, VA, southeastern PA, southern areas of IL, IN, OH, and coastal areas of CT, NY and RI.	2.3 lb./1,000 sq. ft. (100 lb./acre or 0.25 lb./Al/acre)	3.5 lb./1,000 sq. ft. (152 lb./acre or 0.38 lb./Al/acre)	4.6 lb./1,000 sq. ft. (200 lb./acre or 0.5 lb./Al/acre)
South (AL, AR, AZ, CA, GA, LA, MS, NC, NM, NV, OK, SC, TN and TX)	3.5 lb./1,000 sq. ft. (152 lb./acre or 0.38 lb./Al/acre)	2.3 + 2.3* lb./1,000 sq. ft. (100 + 100 lb./acre or 0.25 + 0.25 lb./Al/acre)	2.8 + 2.8* lb./1,000 sq. ft. (124 + 124 lb./acre or 0.31 + 0.31 lb./Al/acre)
Coastal South (HI, FL, southern coastal areas of AL, GA, LA, MS, NC, SC, and TX)	2.3 + 2.3* lb./1,000 sq. ft. (100 + 100 lb./acre or 0.25 + 0.25 lb./Al/acre)	2.8 + 2.8* lb./1,000 sq. ft. (124 + 124 lb./acre or 0.31 + 0.31 lb./Al/acre)	3.5 + 3.5* lb./1,000 sq. ft. (152 + 152 lb./acre or 0.38 + 0.38 lb./Al/acre)
West: AZ, CA & NV. In this climatically diverse region, use the higher rates in local areas with longer crabgrass seasons.	1.7 + 2.3* lb./1,000 sq. ft. (76 + 100 lb./acre or 0.19 + 0.25 lb./Al/acre)	2.3 + 3.5* lb./1,000 sq. ft. (100 + 152 lb./acre or 0.25 + 0.38 lb./Al/acre)	2.3 + 2.3* lb./1,000 sq. ft. (100 + 100 lb./acre or 0.25 + 0.25 lb./Al/acre)
* Split applications may be made 5-10 weeks apart.			

#### **SPLIT OR SEQUENTIAL APPLICATIONS**

Split or sequential applications may be used to provide improved weed control or to provide extended weed control in areas with long growing seasons. Split applications may be made with rates in Table 1 split between two applications made 5-10 weeks apart. Where longer periods of control are required, sequential applications may be made in late summer or fall following a spring application or in the spring following a fall application provided the maximum application rate per year is not exceeded. Refer to the "Use Restrictions" section above.

#### **CONTROL OF OTHER GRASS AND BROADLEAF WEEDS**

**SPRING APPLICATION:** When used as directed for crabgrass control in spring, Dithiopyr 0.25% Plus Fertilizer will also control or suppress the following weeds when applied prior to their emergence:

GRASSES	
Common Name	Botanical Name
Barley	<i>Hordeum</i> spp.
Barnyardgrass	<i>Echinochloa crus-galli</i>
Bluegrass (annual roughstalk)	<i>Poa annua</i>
Brome	<i>Bromus</i> spp.
Crabgrass, large	<i>Digitaria sanguinalis</i>
Crabgrass, smooth	<i>Digitaria ischaemum</i>
Crabgrass, Southern	<i>Digitaria ciliaris</i>
Crowfootgrass*	<i>Dactyloctenium aegyptium</i>
Dallisgrass (seedling)	<i>Paspalum dilatatum</i>
Foxtail (yellow & green)	<i>Setaria faberi</i> , <i>Setaria Verdi</i>
Goosegrass	<i>Eleusine indica</i>
Kikuyugrass*	<i>Pennisetum clandestinum</i>
Oats, wild	<i>Avena fatua</i>
Ryegrass (annual & perennial)	<i>Lolium</i> spp.
Sandbur	<i>Cenchrus</i> spp.
Smutgrass	<i>Sporobolus indicus</i>
BROADLEAF WEEDS	
Bittercress*	<i>Cardamine</i> spp.
Carpeweed	<i>Mullugo verticillata</i>
Chickweed*	<i>Stellaria</i> spp.
Geranium, Carolina*	<i>Geranium carolinianum</i>
Henbit	<i>Lamium</i> spp.
Knotweed, prostrate	<i>Polygonum aviculare</i>
Lespedeza, common*	<i>Lespedeza striata</i>
Marestail	<i>Conyza Canadensis</i>
Medic, black	<i>Medicago lupulina</i>
Mustard	<i>Brassica</i> spp.
Oxalis, buttercup	<i>Oxalis pes-caprae</i>
Parsley-piert*	<i>Alchemilla arvensis</i>
Pigweed, redroot	<i>Amaranthus retroflexus</i>
Pineappleweed*	<i>Matricaria matricarioides</i>
Purslane, common	<i>Portulaca oleracea</i>
Rocket, London	<i>Sisymbrium irio</i>
Shepherdspurse	<i>Capsella bursa-pastoris</i>
Speedwell, corn*	<i>Veronica arvensis</i>
Spurge, garden	<i>Euphorbia hirta</i>
Spurge, prostrate	<i>Euphorbia humistrata</i>
Spurge, spotted	<i>Euphorbia maculate</i>
Woodsorrel, creeping	<i>Oxalis corniculata</i>
Woodsorrel, yellow	<i>Oxalis stricta</i>
* Suppression only.	

**FALL APPLICATION:** When used as directed for late summer or early fall use, for crabgrass control through the early part of next spring, Dithiopyr 0.25% Plus Fertilizer will also control or suppress the following weeds

WEEDS CONTROLLED	
Common Name	Botanical Name
Bluegrass (annual)	<i>Poa annua</i>
Bittercress	<i>Cardamine</i> spp.
Chickweed	<i>Stellaria</i> spp.
Geranium (Carolina)	<i>Geranium carolinianum</i>
Henbit	<i>Lamium</i> spp.
Parsley-piert	<i>Alchemilla arvensis</i>
Pineappleweed	<i>Matricaria matricarioides</i>
Shepherdspurse	<i>Capsella bursa-pastoris</i>

#### APPLICATION EQUIPMENT AND INSTRUCTIONS

This product may be applied with drop or rotary-type spreaders designed to apply granular herbicides. For best results, apply this product evenly and uniformly avoiding streaking, skips or overlaps. Avoid the use of spreaders that tend to apply granules in narrow rows or concentrated bands. Calibrate the spreader according to the manufacturer's directions. Initial spreader settings may require adjustment to deliver the recommended application rate under actual application conditions. The desired calibration setting may be marked or recorded for future reference.

Apply this product uniformly over the treatment area. More uniformity can be achieved by applying one-half of the required amount of product over the treatment area and then applying the remaining one-half in a different direction (e.g., at a right angle to the previous direction). Check equipment frequently to verify calibration and proper functioning. Clean and lubricate spreader after use.

#### FOR USE ON LANDSCAPE ORNAMENTALS

Dithiopyr 0.25% Plus Fertilizer provides preemergence control or suppression of annual grass and broadleaf weeds in landscape ornamentals. Refer to "For Use on Turf" section of this label for a complete listing of weeds controlled or suppressed. This product may be applied to soil surfaces or mulch where ornamental plants are grown for aesthetic purposes in ornamental gardens, parks, golf courses, and residential areas.

#### APPLICATION INSTRUCTIONS

Dithiopyr 0.25% Plus Fertilizer is a preemergence herbicide that will not control established weeds. Make applications prior to weed seed germination to bare ground or mulch. For best results, apply to soil that is free of clods, weeds and debris such as leaves. Before application, any existing vegetation should be removed by hand weeding, cultivation, or with the use of a postemergence herbicide. Once the application is made, do not disturb the soil surface as the herbicide barrier will be broken. Irrigate immediately after application to remove herbicide particles from the foliage to prevent foliar damage to ornamentals.

#### SPLIT OR SEQUENTIAL APPLICATIONS

Split or sequential applications may be used to provide improved weed control or to provide extended weed control in areas with long growing seasons. Split applications may be made with rates in Table 2 split between two applications made 5-10 weeks apart. Where longer periods of control are required, sequential applications may be made in late summer or fall following a spring application or in the spring following a fall application provided the maximum application rate per year is not exceeded.

#### USE RESTRICTIONS

- Only apply this product to established ornamentals.
- DO NOT apply this product directly to the bare roots of ornamental plants as injury may result.
- DO NOT incorporate this product into soil. Dilution of active ingredient and plant root injury may occur.
- DO NOT apply to soil around ornamentals that are under stress due to drought, flooding, excessive fertilizer or soil salts, wind injury, hail, frost damage, winter injury, injury from previously applied pesticides or injury due to insects, nematodes, or disease.
- DO NOT apply under conditions that would affect product distribution (such as windy conditions).

- DO NOT apply this product on grasses grown for seed.
- DO NOT graze livestock or feed forage cut from areas treated with this product.

#### USE RATES

Apply Dithiopyr 0.25% Plus Fertilizer with a properly calibrated spreader that will provide accurate, even particle distribution. Refer to Table 2 below for product rates when treating a small area.

DO NOT apply more than 4.6lbs. of this product per 1,000 sq. ft., per application and no more than 13.8 lbs. of this product per 1,000 sq. ft. per year.

In New York State, this product may only be used by Professional Applicators at no more than 4.6 lbs. per 1,000 sq. ft. (0.5 lbs. active ingredient per acre) per year, and is prohibited from use in Nassau and Suffolk Counties.

**TABLE 2: APPLICATION RATES FOR LANDSCAPE ORNAMENTALS**

Pounds Product/Acre	Pounds Product/1,000 sq. ft.	Pounds of Product/100 Sq. Ft.
200	4.6	0.46 (7.4 oz.)

#### APPLICATION EQUIPMENT AND INSTRUCTIONS

This product may be applied with drop or rotary-type spreaders designed to apply granular herbicides. For best results, apply this product evenly and uniformly avoiding streaking, skips or overlaps. Avoid the use of spreaders that tend to apply granules in narrow rows or concentrated bands. Calibrate the spreader according to the manufacturer's directions. Initial spreader settings may require adjustment to deliver the recommended application rate under actual application conditions. The desired calibration setting may be marked or recorded for future reference.

Apply this product uniformly over the treatment area. More uniformity can be achieved by applying one-half of the required amount of product over the treatment area and then applying the remaining one-half in a different direction (e.g., at a right angle to the previous direction). Check equipment frequently to verify calibration and proper functioning. Clean and lubricate spreader after use.

#### TOLERANT ORNAMENTALS

When applied as directed under the conditions described on this label, the ornamentals listed below have shown tolerance in field trials. However, this product has not been tested on all cultivars of each species or under all possible growing conditions. A limited area involving only a few plants should be treated for tolerance evaluations before large-scale applications.

Common Name	Botanical Name	Tolerant Cultivars
Abelia, Dwarf	<i>Abelia X grandiflora</i>	Nana
Ajuga	<i>Ajuga reptans</i>	Bronze
	<i>Ajuga Genevensis</i>	Bronze Beauty
Almond, flowering	<i>Prunus glandulosa</i>	
Apple*	<i>Malus pumila</i>	
Arborvitae	<i>Thuja occidentalis</i>	Nigra
		Pyramidalis
		Smaragh
		Techny
		Woodwardii
Arborvitae, Golden	<i>Thuja orientalis</i>	
Aster, Chinese	<i>Callistephus chinensis</i>	Dwarf Queen
Ash, Green	<i>Fraxinus pennsylvanica</i>	
Ash, Mountain	<i>Sorbus aucuparia</i>	
Ash, Purple	<i>Fraxinus Americana</i>	
Azalea	<i>Rhododendron</i> spp.	Brilliant

		Buccaneer Carror Chimes (Belgian) Elsie Lee Exbury Fashion Hardijzer Beauty Hershey Red Higasa Hinocrimson Holland (Hybrid) Marion Lee Northern Lights Orange Cup Orchid Lights Snow Southern Charm
Azalea, Flame Azalea, Kirishima Bamboo, Heavenly Barberry	<i>Rhododendron calendulaceum</i>  <i>Nandina domestica</i> <i>Berberis thunbergii</i>	Aurea Dwarf Pygmy Green Koboid Pygmy Red Rose Glow Atropurpurea
Barberry, Purple Basket Flower Bearberry (common) Bee Balm Begonia Birch, River Blackeyed Susan Blanket Flower Blueberry*	<i>Berberis vulgaris</i> <i>Gaillardia grandiflora</i> <i>Arctostaphylos uva-ursi</i> <i>Monarda didyma</i> <i>Begonia</i> spp. <i>Betula nigra</i> <i>Rudbeckia hirta</i> <i>Gaillardia</i> spp. <i>Vaccinium</i> spp.	Massachusetts  Goldstrum  Bluecrop Blue Jay Jersey North Blue Northland
Bottlebrush Boxwood, Japanese Boxwood, Weller Broom Broom Bugle Carpet Carnelia	<i>Callistemon citrinus</i> <i>Buxus microphylla</i> <i>Buxus sempervirens</i> <i>Cytisus</i> spp. <i>Genista pilosa</i>  <i>Camellia japonica</i>	Japonica  Moonlight Vancouver Gold
Candy Tuft Carex, Variegated Cedar, Red Celosia Centaurea Cockscomb, Plumosa Coleus	<i>Camelia sasangua</i> <i>Ilberis</i> spp. <i>Carex</i> <i>Juniperus virginiana</i> <i>Celosia</i> spp. <i>Centaurea montana</i> <i>Celosia cristata</i> <i>Coleus blumei</i>	Debutanta Mathotiana Supreme Chansonette  Snow White  Scarlet Plumosa Red Kewpie

<p>Columbine Copper leaf Coreopsis Cornflower Cotoneaster Coyotebrush Cycads Cypress, Bald Cypress, Italian Cypress, Japanese False Cupress, Leyland Daffodil Daylily</p>	<p><i>Aquilegia</i> spp. <i>Acalypha wilkesiana</i> <i>Coreopsis</i> spp. <i>Centaurea</i> spp. <i>Cotoneaster apiculatus</i> <i>Baccharis pelularis</i> <i>Cycads revolute</i> <i>Taxodium distichum</i> <i>Cupressus sempervirens</i> <i>Chamaecyparis obtuse</i> <i>Cupressocyparis leylandii</i> <i>Narcissus</i> spp. <i>Hemerocallis</i> spp.</p>	<p>Moonbloom</p> <p>Glauca Gracilis</p> <p>King Alfred Aztec Gold Bright Yellow (Hybrid) Single Gold (Evergreen) Wilson's Yellow Magic Fountain</p>
<p>Delphinium Dianthus (Sweet William) Dogwood Dogwood, American Douglas Fir Dusty Miller Elm, Drake Euonymus</p>	<p><i>Delphinium</i> spp. <i>Dianthus</i> spp. <i>Cornus florida</i> <i>Cornus sericea</i> <i>Psuedotsuga menziesii</i> <i>Senecio cineraria</i> <i>Ulmus parvifolia</i> <i>Euonymus fortunei</i></p>	<p>Flavimarima</p> <p>Argenteo-variegata Aureo-marginata Colorata Emerald Gaiety Emerald 'N Gold Gold Edge Gold Princess Silver King Tricolor Vegetus</p>
<p>Fan Palm, European Fan, Palm, Mexican Fern (various) Fescue Fetterbush Ficus Fir, Fraser Forsythia</p>	<p><i>Chamaerops humilis</i> <i>Washingtonia robusta</i> <i>Asparagus</i> spp. <i>Festuca glauca</i> <i>Leucothoe fontiana</i> <i>Ficus retusa</i> <i>Abies fraseri</i> <i>Forsythia X intermedia</i></p>	<p>Rainbow Nitida</p> <p>Arnold Dwarf Bronxensis Dwarf Lynwood Gold Meadowlark Weeping</p>
<p>Fuchsia Gallium Gardenia</p>	<p><i>Spring Glory</i> <i>Fuchsia</i> spp. <i>Galium odoratum</i> <i>Gardenia jasminoides</i></p>	<p>Mystery Radicans</p>
<p>Geranium Gum Hawthorn</p>	<p><i>Pelargonium X hortorum</i> <i>Eucalyptus citriodora</i> <i>Crataegus</i> spp.</p>	<p>Cockspur White Crimson Cloud Enchantress</p>

Heather, Twisted Hemlock, Canada Hibiscus	<i>Erica cinerea</i> <i>Tsuga canadensis</i> <i>Hibiscus</i> spp.	Jack Evans Washington White Mediterranean Pink
Holly	<i>Ilex</i> spp.  <i>Ilex X meserveae</i>	Blue Bird Brilliant Hula Girl Blue Boy Blue Girl Burfordii China Girl Compacta Forsteri Hellerie Japanese Northern Beauty Needlepoint Nellie R. Stevens Savannah
Holly, Chinese Holly, Japanese Holly, Yaupon Honeysuckle	<i>Ilex X attenuata</i> <i>Ilex cornuta</i> <i>Ilex crenata</i> <i>Ilex vomitoria</i> <i>Lonicera japonica</i>	Clavey's Dwarf Hilliana Tatarian Canadian White Zebelli Red Hosta Albo Marginata
Hosta	<i>Hosta</i> spp. <i>Hosta lancifolia</i>	
Ice Plant Impatiens Iris	<i>Carpobrotus edulis</i> <i>Impatiens</i> spp. <i>Iris</i> spp.	
Ivy, English	<i>Hedera helix</i>	Dwarf Blue Wedgewood Bulgaria Thorndale
Jasmine, Asian Juniper	<i>Trachelospermum asiaticum</i> <i>Juniperus</i> spp.  <i>Juniperus horizontalis</i>	Arcadia Armstrong Bar Harbor Blue Chip Blue Pacific Blue Rug Blue Star Broadmoor Buffalo Calgary Carpet Emerald Sea Emerald Spreader Endora Compacta Fruitlandi Green Gold Tip Hetzi Hughes Manhattan Blue Parsoni Pfitzeriana Plumosa

		Prince of Wales Procumbens Dwarf San Jose Sargent Blue Sargent Green Scandia Scopulorum Moonglow Scopulorum Skyrocket Spartan Tamariscifolia Weberi Youngstown Yukon Belle
King Palm Laurel, Australian Laurel, Mountain Leucothoe Ligustrum, Japanese Lily, African	<i>Juniperus chinensis</i> <i>Juniperus Sabina</i>  <i>Archontophoenix cunninghamiana</i> <i>Pittosporum tobira</i> <i>Kalmia latifolia</i> <i>Leucothoe fontanesiana</i> <i>Ligustrum japonicum</i> <i>Agapanthus africanus</i>	
Lily, African Blue Lily of the Valley Lilyturf	<i>Pieris japonica</i> <i>Liriope muscari</i>	Albus Peter Pan  Mt. Fire Evergreen Giant Lilac Beauty Majestic Monroe White Variegata
Liriope, Green Maple, Japanese Maple, Norway Maple, Red Maple, Silver Maple, Sugar Marigold	<i>Liriope spicata</i> <i>Acer japonicum</i> <i>Acer platanoides</i> <i>Acer rubrum</i> <i>Acer saccharinum</i> <i>Acer saccharum</i> <i>Tagetes patula</i>	Honeycomb Variegata Wheeler's Dwarf Golden Snowflake Double White
Mock Orange*	<i>Philadelphus</i> spp.	Sunnyside Faurei Langer Muskogee Standard Pink
Mondo Grass Moss Rose Myrtle, Crape	<i>Ophiopogon japonicus</i> <i>Portulaca grandiflora</i> <i>Lagerstroemia indica</i>	Compacta Nana
Myrtle, Wax Nandina	<i>Myrica cerifera</i> <i>Nandina domestica</i>	
Narcissus Oak, Laurel Oak, Pin Oak, Red Oak, Southern Oak, Willow Oleander	<i>Narcissus</i> spp. <i>Quercus laurifolia</i> <i>Quercus palustris</i> <i>Quercus rubra</i> <i>Quercus virginiana</i> <i>Quercus phellos</i> <i>Nerium oleander</i>	Hardy Red Petite Pink Sister Agnes



Osteospermum	<i>Osteospermum fruticosum</i>	Whirligig
Pachysandra	<i>Pachysandra terminalis</i>	
Palm, Bangalow		
Pampas Grass	<i>Cortaderia selloana</i>	
Pansy	<i>Viola x wittrockiana</i>	
Paper Flower	<i>Bougainvillea glabra</i>	Barbara Karst
Peach*	<i>Prunus persica</i>	
Periwinkle, Dwarf	<i>Vinca minor</i>	
Petunia	<i>Petunia X hybrida</i>	Picoti
Photinia, Red Tip	<i>Photinia X fraseri</i>	
Pieris	<i>Pieris japonica</i>	
Pine, Australian	<i>Pinus nigra</i>	
Pine, Japanese Black	<i>Pinus thunbergiana</i>	
Pine, Loblolly	<i>Pinus taeda</i>	
Pine, Longleaf	<i>Pinus palustris</i>	
Pine, Mugho	<i>Pinus mugho</i>	
Pine, Scotch	<i>Pinus sylvestris</i>	
Pine, Slash	<i>Pinus elliotii</i>	
Pine, Swiss Mt.	<i>Pinus mugo</i>	
Pine, Virginia	<i>Pinus virginiana</i>	
Pine, White	<i>Pinus strobes</i>	
Pineapple, Guava	<i>Feijoa fellowiana</i>	
Pittosporum, Japan		
Potentilla	<i>Potentilla nepalensis</i>	Abbotswood
	<i>Potentilla fruticosa</i>	
Privet	<i>Ligustrum japonicum</i>	Golden Vicary
		Regal
		Texanum
		Wax
		Yellow Tipped
Privet, Glossy	<i>Ligustrum lucidum</i>	
Pyracantha	<i>Pyracantha koidzumii</i>	Gnome
		Lalandei
		Victory
Queen Palm	<i>Arecastrum rammanzoffianum</i>	
Quince, Japanese*		
Rhododendron	<i>Rhododendron</i> spp.	Album
		Cunningham White
		Fashion
		Hardy
		PJM
		Purple Gem
		Silvery Pink
Rhododendron, Carolina	<i>Rhododendron carolinianum</i>	
Rhododendron, Catawba	<i>Rhododendron catawbiense</i>	
Rockcress	<i>Arabis</i> spp.	Snowcap
Rhodia Max (Rosebay)	<i>Rhododendron maximum</i>	
Rose	<i>Rosa banksiae</i>	Luta
Rosemary*	<i>Rosmarinus officinalis</i>	
Rosemary, Bog	<i>Andromeda polifolia</i>	Nana
Salvia	<i>Salvia farinacea</i>	Rhea
Sedum	<i>Sedum spurium</i>	Dragon Blood Red
		Red Carpet
		Yellow
Snapdragon	<i>Antirrhinum</i> spp.	
Sourwood	<i>Oxydendrum arboretum</i>	



The DIRECTIONS FOR USE of this product are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Lawn and turf injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of Control Solutions, Inc. or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

Control Solutions, Inc. warrants that this product conforms to the chemical description on the label, and is reasonably fit for the purposes set forth in the DIRECTIONS FOR USE, when it is used in accordance with such directions, subject to the inherent risks mentioned above.

TO THE EXTENT PERMITTED BY LAW, CONTROL SOLUTIONS, INC. NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS WARRANTY EXTENDS TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNING, OR CAUTIONS. BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. CONTROL SOLUTIONS, INC. and the seller offer this product, and the Buyer and User accept it, subject to the foregoing CONDITIONS OF SALE AND WARRANTY.



EPA Reg.  
Number:  
53883-  
208

Date of Issuance:

Term of Issuance: **Conditional**

U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs

Registration Division (7505P)

Ariel Rios Building

1200 Pennsylvania Ave. NW

Washington, D.C. 20460

Name of Pesticide Product:

Dithiopyr 0.25% Plus  
Fertilizer

NOTICE OF PESTICIDE:

☒ Registration  
Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Control Solutions, Inc  
5903 Genoa-Red Bluff  
Pasadena, TX 77507

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Add the phrase "EPA Registration No. 53883-208 to the label before you release the product for shipment.

COMMENTS CONTINUED ON PAGE 2 OF THIS NOTICE OF REGISTRATION

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product under the enclosed stamped copy of the label constitutes acceptance of these conditions.

Enclosure

Joanne I. Miller  
Product Manager (23)  
Herbicide Branch  
Registration Division (7505P)

Signature of Approving Official:

*Joanne I. Miller*

Date:

Comments Continued:

2. Submit to this Agency a copy of the purchasing order or bill of sales showing the source of the product named on the Formulator's Exemption Statement, and with which this product is to be manufactured; prior to manufacturing this product.
  3. Correct the typographic error in the chemical expression for dithiopyr in the ingredient statement by correcting the spelling of "...pyridinedicarbothioate....".
  4. Submit one (1) copy of the final printed labeling before you release this product for shipment.
  5. Submit and/or cite all data required for the registration of this product when the Agency requires all registrants of similar products to submit data; and submit acceptable responses required for reregistration of this product under FIFRA, section 4.
-

# Dithiopyr 0.25% Plus Fertilizer

## TURF AND ORNAMENTAL HERBICIDE

For Season-Long Control of Crabgrass and Control or Suppression of Listed Annual Grasses and Broadleaf Weeds in Established Lawns and Ornamental Turf, including Golf Course Fairways, Roughs and Tee Boxes, and in Established Landscape Ornamentals.

In the state of New York this product may be applied only by commercial applicators at no more than 200 lbs. (0.5 pounds AI) per acre (4.6 lbs. per 1,000 sq. ft.) per year. Not for use in Nassau or Suffolk Counties.

### Active Ingredient:

Dithiopyr: S,S'-dimethyl 2-(difluoromethyl)-4-(2-methylpropyl)-6-(trifluoromethyl)-3,5-pyridinedicarbothioate ..... 0.25%

Inert Ingredients: ..... 99.75%

TOTAL: ..... 100.00%

EPA REG NO. 53883-XXX

EPA EST. NO. XXXXX-XXX-XXX

Net Weight:

Control Solutions, Inc.  
5903 Genoa-Red Bluff Rd.  
Pasadena, TX 77507-1041

**ACCEPTED**  
**with COMMENTS**  
**In EPA Letter Dated:**

APR 30 2007

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

Guaranteed Fertilizer Analysis: XX-XX-XX

53883-208

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

See [back] [side] [other] panel for further precautions and First Aid information

<b>FIRST AID</b>	
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or physician immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or physician.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>HOT LINE NUMBER</b> Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1-800-858-7378.	

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**CAUTION**

Harmful if inhaled. Causes moderate eye irritation. Avoid breathing dust. Remove and wash contaminated clothing before reuse. Avoid contact with eyes or clothing. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**Personal Protective Equipment (PPE)**

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves such as natural rubber
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**Use Safety Recommendations**

Users should:

- Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.
- Remove clothing/PPE if pesticide gets inside. Then wash thoroughly and put on clean clothing.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and highly toxic to other aquatic organisms including oysters and shrimp. Use with care when applying to turf areas adjacent to any body of water. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may adversely affect aquatic organisms in adjacent aquatic sites. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwaters.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves
- Shoes plus socks

### NON-AGRICULTURAL USE REQUIREMENTS:

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

- Keep unprotected persons out of treated area during application and until dust has settled.

### GENERAL INFORMATION

Dithiopyr 0.25% Plus Fertilizer provides season-long control of crabgrass and control or suppression of listed annual grasses and broadleaf weeds in established lawns and ornamental turf, including golf course fairways, roughs and tee boxes, and in established landscape ornamentals. This product also provides postemergent crabgrass control up to the 4-leaf stage.

**SPREADER SETTINGS** to apply at the listed pounds per 1,000 square feet

*(to be furnished at printing)*

### FOR USE ON TURF

Dithiopyr 0.25% Plus Fertilizer provides season-long control of crabgrass and other annual grasses and broadleaf weeds in established lawns and ornamental turf, including golf course fairways, roughs and tee boxes. Dithiopyr 0.25% Plus Fertilizer will not harm nearby established ornamentals identified on this label as "Tolerant Ornamentals" when used according to label directions.

Apply this product only to seeded, sodded, or sprigged lawns and ornamental turf that is well established. Before the use of Dithiopyr 0.25% Plus Fertilizer, the grass must have a developed root system and a uniform stand. Following seeding, sodding or sprigging, the turf must be mowed at least two times. Injury may result if the turf is not well established, or stressed by weather, pests, disease, chemical or other related conditions.

Dithiopyr 0.25% Plus Fertilizer may be applied to established turfgrass species listed on this label. When applied as directed, the following turfgrass species are tolerant to this product:



COOL-SEASON GRASSES	USE PRECAUTIONS
Creeping Bentgrass <sup>1</sup> ( <i>Agrostis palustris</i> ), Kentucky Bluegrass ( <i>Poa pratensis</i> ), Fine Fescue <sup>2</sup> ( <i>Festuca rubra</i> ), Tall Fescue ( <i>Festuca arundinacea</i> ), Perennial Ryegrass ( <i>Lolium perenne</i> ),	<sup>1</sup> Turfgrass injury may result from the use of this product on certain varieties of creeping bentgrass such as Cohansey, Carmen, Seaside and Washington. Not all varieties of creeping bentgrass have been tested. Do not apply this product to Colonial Bentgrass ( <i>Agrostis tenuis</i> ) varieties.  <sup>2</sup> Turfgrass injury may result from use of this product on the following varieties of Fescue such as Atlanta, Banner, Beauty, Bilgart, CF-2, Enjoy, HF-93, Highlight, Ivalo, Koket, Jamestown, Majenta, Mary, Pennilawn, Tamara, Tatiana, Walfort and Waldina. Not all varieties of fescue have been tested.
WARM-SEASON GRASSES	
Bahiagrass ( <i>Paspalum notatum</i> ), Bermudagrass ( <i>Cynodon dactylon</i> ), Buffalograss <sup>3</sup> ( <i>Buchloe dactyloides</i> ), Carpetgrass ( <i>Axonopus compressus</i> ), Centipedegrass ( <i>Eremochloa ophiuroides</i> ), Kikuyugrass ( <i>Pennisetum clandestinum</i> ), St. Augustinegrass ( <i>Stenotaphrum secundatum</i> ), Zousiagrass ( <i>Zoysia japonica</i> )	<sup>3</sup> Do not use this product on seedling Buffalograss in the spring of the first year of establishment until the turfgrass is fully green and has established new roots.

**NOTE:** It is not possible to evaluate all turfgrass varieties for tolerance to this product. It is suggested that the user evaluate the response to turfgrass varieties not listed on this label on a limited area, at recommended use rates, prior to initiating large-scale use.

#### RESEEDING, OVERSEEDING OR SPRIGGING

Reseeding, overseeding, or sprigging of treated areas within 10 weeks after a single application of this product or within 16 weeks after a split application program may inhibit the establishment of desirable turfgrasses. When seeding or overseeding, follow good cultural practices such as soil cultivation, irrigation and fertilization. For best results, use mechanical or power seeding equipment (slit seeders) for good seed-to-soil contact.

#### USE RESTRICTIONS

- Do not apply more than 4.6 lbs./1,000 sq. ft. (0.5 Lbs. AI/acre) per application.
- Do not apply more than 13.8 lbs./1,000 sq. ft. (1.5 lbs. AI/acre) per year.
- In New York, do not apply more than 4.6 lbs. /1,000 sq. ft. per year.
- Do not use clippings from treated turf for animal feed or for mulching around vegetables or fruit trees.
- Do not allow domestic animals to feed or forage on treated turf.
- Keep people and pets off treated areas until dust has settled.
- Do not use on golf course putting greens.

#### CRABGRASS CONTROL

Dithiopyr 0.25% Plus Fertilizer provides pre-emergence control of crabgrass (large, smooth, and southern species) when applied prior to emergence of crabgrass from the ground. Dithiopyr 0.25% Plus Fertilizer provides "early post-emergence" control during the early stages of growth after crabgrass emerges from the ground. This early post-emergence control is limited and applications are only effective if applied before the crabgrass has its 3-leaf or first tiller (which usually is about the time when you can first see the

crabgrass in the lawn). With this post-emergence activity, the applicator has 2 to 4 weeks longer to make applications for control of crabgrass.

For best results, apply Dithiopyr 0.25% Plus Fertilizer within a few days after mowing and delay mowing again for a few days after application. Rainfall or irrigation activates the product. Improved weed control will result if the application is followed by ½ inch of rainfall or sprinkler irrigation. Weed control may be hampered if rainfall or irrigation does not occur with 30 days after application. Split, or half rate applications spaced 5 to 10 weeks apart may also enhance weed control. Cultural practices such as aerification and de-thatching should be completed and the turf allowed to recover before application of this product.

#### **APPLICATION TIMING**

This product may be applied as a single application, split application, or as a sequential application for crabgrass control in the spring, summer, or fall as described below.

**SPRING APPLICATIONS:** For single applications in the spring or early summer, follow the appropriate rate listed in "TABLE 1: APPLICATION RATES FOR CRABGRASS CONTROL" below. Rates are based on the location to be used (Region), the mowing height of the turfgrass, and whether the timing of the application is considered preemergence or postemergence. The length of residual weed control is dependent on the total rate applied, but may vary depending on weather, weed pressure and location.

Program 1: For preemergence control to turf mowed relatively high, such as home lawns. This program will provide 3 to 5 months of preemergence crabgrass control. This program should not be used for early postemergence control of crabgrass.

Program 2: For preemergence control at sites where the turf is mowed relatively low, such as golf course fairways, and where turfgrass maintenance and weed control applications were made the previous year. This program will provide 4 to 6 months of preemergence crabgrass control. This program may also be used for early postemergence control of crabgrass up to the fifth leaf, or first tiller, at locations where the turf is cut high.

Program 3: For preemergence control at locations where turf is mowed relatively low, such as golf course fairways, and where turfgrass maintenance and weed control applications were not made the previous year. This program will provide 4 to 6 months of preemergence crabgrass control. This program may also be used for early postemergence control of crabgrass up to the fifth leaf, or first tiller, at locations where the turf is cut relatively low.

**FALL APPLICATIONS:** Dithiopyr 0.25% Plus Fertilizer may be applied in late summer or early fall (late August through November). Follow the instructions for "Program 3" for crabgrass control through the early part of the next spring. Fall applications may be followed by an appropriate spring application to provide season-long control.

*[Optional Language:*

#### **TURF GRASS REGIONS**

*Insert map showing regions for crabgrass control as noted in table below]*

**TABLE 1: APPLICATION RATES FOR CRABGRASS CONTROL**

<b>REGION</b>	<b>PROGRAM 1</b> Preemergence (high-cut turf)	<b>PROGRAM 2</b> Preemergence (low-cut turf) Postemergence (high-cut turf)	<b>PROGRAM 3</b> Preemergence (low-cut turf) Postemergence (low-cut turf)
All states not designated below and parts of states not included in transition, south, coastal south or west.	1.7 lb./1,000 sq. ft. (76 lb./acre or 0.19 lb./Al/acre)	2.3 lb./1,000 sq. ft. (100 lb./acre or 0.25 lb./Al/acre)	3.5 lb./1,000 sq. ft. (152 lb./acre or 0.38 lb./Al/acre)
Transition: DE, KS, KY, MD, MO, VA, southeastern PA, southern areas of IL, IN, OH, and coastal areas of CT, NY and RI.	2.3 lb./1,000 sq. ft. (100 lb./acre or 0.25 lb./Al/acre)	3.5 lb./1,000 sq. ft. (152 lb./acre or 0.38 lb./Al/acre)	4.6 lb./1,000 sq. ft. (200 lb./acre or 0.5 lb./Al/acre)
South (AL, AR, AZ, CA, GA, LA, MS, NC, NM, NV, OK, SC, TN and TX)	3.5 lb./1,000 sq. ft. (152 lb./acre or 0.38 lb./Al/acre)	2.3 + 2.3* lb./1,000 sq. ft. (100 + 100 lb./acre or 0.25 + 0.25 lb./Al/acre)	2.8 + 2.8* lb./1,000 sq. ft. (124 + 124 lb./acre or 0.31 + 0.31 lb./Al/acre)
Coastal South (HI, FL, southern coastal areas of AL, GA, LA, MS, NC, SC, and TX)	2.3 + 2.3* lb./1,000 sq. ft. (100 + 100 lb./acre or 0.25 + 0.25 lb./Al/acre)	2.8 + 2.8* lb./1,000 sq. ft. (124 + 124 lb./acre or 0.31 + 0.31 lb./Al/acre)	3.5 + 3.5* lb./1,000 sq. ft. (152 + 152 lb./acre or 0.38 + 0.38 lb./Al/acre)
West: AZ, CA & NV. In this climatically diverse region, use the higher rates in local areas with longer crabgrass seasons.	1.7 + 2.3* lb./1,000 sq. ft. (76 + 100 lb./acre or 0.19 + 0.25 lb./Al/acre)	2.3 + 3.5* lb./1,000 sq. ft. (100 + 152 lb./acre or 0.25 + 0.38 lb./Al/acre)	2.3 + 2.3* lb./1,000 sq. ft. (100 + 100 lb./acre or 0.25 + 0.25 lb./Al/acre)
* Split applications may be made 5-10 weeks apart.			

#### **SPLIT OR SEQUENTIAL APPLICATIONS**

Split or sequential applications may be used to provide improved weed control or to provide extended weed control in areas with long growing seasons. Split applications may be made with rates in Table 1 split between two applications made 5-10 weeks apart. Where longer periods of control are required, sequential applications may be made in late summer or fall following a spring application or in the spring following a fall application provided the maximum application rate per year is not exceeded. Refer to the "Use Restrictions" section above.

#### **CONTROL OF OTHER GRASS AND BROADLEAF WEEDS**

**SPRING APPLICATION:** When used as directed for crabgrass control in spring, Dithiopyr 0.25% Plus Fertilizer will also control or suppress the following weeds when applied prior to their emergence:

GRASSES	
Common Name	Botanical Name
Barley	<i>Hordeum</i> spp.
Barnyardgrass	<i>Echinochloa crus-galli</i>
Bluegrass (annual roughstalk)	<i>Poa annua</i>
Brome	<i>Bromus</i> spp.
Crabgrass, large	<i>Digitaria sanguinalis</i>
Crabgrass, smooth	<i>Digitaria ischaemum</i>
Crabgrass, Southern	<i>Digitaria ciliaris</i>
Crowfootgrass*	<i>Dactyloctenium aegyptium</i>
Dallisgrass (seedling)	<i>Paspalum dilatatum</i>
Foxtail (yellow & green)	<i>Setaria faberi</i> , <i>Setaria Verdi</i>
Goosegrass	<i>Eleusine indica</i>
Kikuyugrass*	<i>Pennisetum clandestinum</i>
Oats, wild	<i>Avena fatua</i>
Ryegrass (annual & perennial)	<i>Lolium</i> spp.
Sandbur	<i>Cenchrus</i> spp.
Smutgrass	<i>Sporobolus indicus</i>
BROADLEAF WEEDS	
Bittercress*	<i>Cardamine</i> spp.
Carpetweed	<i>Mullugo verticillata</i>
Chickweed*	<i>Stellaria</i> spp.
Geranium, Carolina*	<i>Geranium carolinianum</i>
Henbit	<i>Lamium</i> spp.
Knotweed, prostrate	<i>Polygonum aviculare</i>
Lespedeza, common*	<i>Lespedeza striata</i>
Marestail	<i>Conyza Canadensis</i>
Medic, black	<i>Medicago lupulina</i>
Mustard	<i>Brassica</i> spp.
Oxalis, buttercup	<i>Oxalis pes-caprae</i>
Parsley-piert*	<i>Alchemilla arvensis</i>
Pigweed, redroot	<i>Amaranthus retroflexus</i>
Pineappleweed*	<i>Matricaria matricarioides</i>
Purslane, common	<i>Portulaca oleracea</i>
Rocket, London	<i>Sisymbrium lrio</i>
Shepherdspurse	<i>Capsella bursa-pastoris</i>
Speedwell, corn*	<i>Veronica arvensis</i>
Spurge, garden	<i>Euphorbia hirta</i>
Spurge, prostrate	<i>Euphorbia humistrata</i>
Spurge, spotted	<i>Euphorbia maculate</i>
Woodsorrel, creeping	<i>Oxalis corniculata</i>
Woodsorrel, yellow	<i>Oxalis stricta</i>
* Suppression only.	

**FALL APPLICATION:** When used as directed for late summer or early fall use, for crabgrass control through the early part of next spring, Dithiopyr 0.25% Plus Fertilizer will also control or suppress the following weeds

WEEDS CONTROLLED	
Common Name	Botanical Name
Bluegrass (annual)	<i>Poa annua</i>
Bittercress	<i>Cardamine</i> spp.
Chickweed	<i>Stellaria</i> spp.
Geranium (Carolina)	<i>Geranium carolinianum</i>
Henbit	<i>Lamium</i> spp.
Parsley-piert	<i>Alchemilla arvensis</i>
Pineappleweed	<i>Matricaria matricarioides</i>
Shepherdspurse	<i>Capsella bursa-pastoris</i>

#### APPLICATION EQUIPMENT AND INSTRUCTIONS

This product may be applied with drop or rotary-type spreaders designed to apply granular herbicides. For best results, apply this product evenly and uniformly avoiding streaking, skips or overlaps. Avoid the use of spreaders that tend to apply granules in narrow rows or concentrated bands. Calibrate the spreader according to the manufacturer's directions. Initial spreader settings may require adjustment to deliver the recommended application rate under actual application conditions. The desired calibration setting may be marked or recorded for future reference.

Apply this product uniformly over the treatment area. More uniformity can be achieved by applying one-half of the required amount of product over the treatment area and then applying the remaining one-half in a different direction (e.g., at a right angle to the previous direction). Check equipment frequently to verify calibration and proper functioning. Clean and lubricate spreader after use.

#### FOR USE ON LANDSCAPE ORNAMENTALS

Dithiopyr 0.25% Plus Fertilizer provides preemergence control or suppression of annual grass and broadleaf weeds in landscape ornamentals. Refer to "For Use on Turf" section of this label for a complete listing of weeds controlled or suppressed. This product may be applied to soil surfaces or mulch where ornamental plants are grown for aesthetic purposes in ornamental gardens, parks, golf courses, and residential areas.

#### APPLICATION INSTRUCTIONS

Dithiopyr 0.25% Plus Fertilizer is a preemergence herbicide that will not control established weeds. Make applications prior to weed seed germination to bare ground or mulch. For best results, apply to soil that is free of clods, weeds and debris such as leaves. Before application, any existing vegetation should be removed by hand weeding, cultivation, or with the use of a postemergence herbicide. Once the application is made, do not disturb the soil surface as the herbicide barrier will be broken. Irrigate immediately after application to remove herbicide particles from the foliage to prevent foliar damage to ornamentals.

#### SPLIT OR SEQUENTIAL APPLICATIONS

Split or sequential applications may be used to provide improved weed control or to provide extended weed control in areas with long growing seasons. Split applications may be made with rates in Table 2 split between two applications made 5-10 weeks apart. Where longer periods of control are required, sequential applications may be made in late summer or fall following a spring application or in the spring following a fall application provided the maximum application rate per year is not exceeded.

#### USE RESTRICTIONS

- Only apply this product to established ornamentals.
- DO NOT apply this product directly to the bare roots of ornamental plants as injury may result.
- DO NOT incorporate this product into soil. Dilution of active ingredient and plant root injury may occur.
- DO NOT apply to soil around ornamentals that are under stress due to drought, flooding, excessive fertilizer or soil salts, wind injury, hail, frost damage, winter injury, injury from previously applied pesticides or injury due to insects, nematodes, or disease.
- DO NOT apply under conditions that would affect product distribution (such as windy conditions).

- DO NOT apply this product on grasses grown for seed.
- DO NOT graze livestock or feed forage cut from areas treated with this product.

#### USE RATES

Apply Dithiopyr 0.25% Plus Fertilizer with a properly calibrated spreader that will provide accurate, even particle distribution. Refer to Table 2 below for product rates when treating a small area.

DO NOT apply more than 4.6lbs. of this product per 1,000 sq. ft., per application and no more than 13.8 lbs. of this product per 1,000 sq. ft. per year.

In New York State, this product may only be used by Professional Applicators at no more than 4.6 lbs. per 1,000 sq. ft. (0.5 lbs. active ingredient per acre) per year, and is prohibited from use in Nassau and Suffolk Counties.

**TABLE 2: APPLICATION RATES FOR LANDSCAPE ORNAMENTALS**

Pounds Product/Acre	Pounds Product/1,000 sq. ft.	Pounds of Product/100 Sq. Ft.
200	4.6	0.46 (7.4 oz.)

#### APPLICATION EQUIPMENT AND INSTRUCTIONS

This product may be applied with drop or rotary-type spreaders designed to apply granular herbicides. For best results, apply this product evenly and uniformly avoiding streaking, skips or overlaps. Avoid the use of spreaders that tend to apply granules in narrow rows or concentrated bands. Calibrate the spreader according to the manufacturer's directions. Initial spreader settings may require adjustment to deliver the recommended application rate under actual application conditions. The desired calibration setting may be marked or recorded for future reference.

Apply this product uniformly over the treatment area. More uniformity can be achieved by applying one-half of the required amount of product over the treatment area and then applying the remaining one-half in a different direction (e.g., at a right angle to the previous direction). Check equipment frequently to verify calibration and proper functioning. Clean and lubricate spreader after use.

#### TOLERANT ORNAMENTALS

When applied as directed under the conditions described on this label, the ornamentals listed below have shown tolerance in field trials. However, this product has not been tested on all cultivars of each species or under all possible growing conditions. A limited area involving only a few plants should be treated for tolerance evaluations before large-scale applications.

Common Name	Botanical Name	Tolerant Cultivars
Abelia, Dwarf Ajuga  Almond, flowering Apple* Arborvitae	<i>Abelia X grandiflora</i> <i>Ajuga reptans</i> <i>Ajuga Genevensis</i> <i>Prunus glandulosa</i> <i>Malus pumila</i> <i>Thuja occidentalis</i>	Nana Bronze Bronze Beauty  Nigra Pyramidalis Smaragh Techny Woodwardii
Arborvitae, Golden Aster, Chinese Ash, Green Ash, Mountain Ash, Purple Azalea	<i>Thuja orientalis</i> <i>Callistephus chinensis</i> <i>Fraxinus pennsylvanica</i> <i>Sorbus aucuparia</i> <i>Fraxinus Americana</i> <i>Rhododendron</i> spp.	Dwarf Queen     Brilliant

		Buccaneer Carror Chimes (Belgian) Elsie Lee Exbury Fashion Hardijzer Beauty Hershey Red Higasa Hinocrimson Holland (Hybrid) Marion Lee Northern Lights Orange Cup Orchid Lights Snow Southern Charm
Azalea, Flame Azalea, Kirishima Bamboo, Heavenly Barberry	<i>Rhododendron calendulaceum</i>  <i>Nandina domestica</i> <i>Berberis thunbergii</i>	
Barberry, Purple Basket Flower Bearberry (common) Bee Balm Begonia Birch, River Blackeyed Susan Blanket Flower Blueberry*	<i>Berberis vulgaris</i> <i>Gaillardia grandiflora</i> <i>Arctostaphylos uva-ursi</i> <i>Monarda didyma</i> <i>Begonia</i> spp. <i>Betula nigra</i> <i>Rudbeckia hirta</i> <i>Gaillardia</i> spp. <i>Vaccinium</i> spp.	Aurea Dwarf Pygmy Green Koboid Pygmy Red Rose Glow Atropurpurea  Massachusetts  Goldstrum  Bluecrop Blue Jay Jersey North Blue Northland
Bottlebrush Boxwood, Japanese Boxwood, Weller Broom Broom Bugle Carpet Camelia	<i>Callistemon citrinus</i> <i>Buxus microphylla</i> <i>Buxus sempervirens</i> <i>Cytisus</i> spp. <i>Genista pilosa</i>  <i>Camellia japonica</i>	Japonica  Moonlight Vancouver Gold
Candy Tuft Carex, Variegated Cedar, Red Celosia Centaurea Cockscomb, Plumosa Coleus	<i>Camelia sasangua</i> <i>Iberis</i> spp. <i>Carex</i> <i>Juniperus virginiana</i> <i>Celosia</i> spp. <i>Centaurea montana</i> <i>Celosia cristata</i> <i>Coleus blumei</i>	Debutanta Mathotiana Supreme Chansonette  Snow White  Scarlet Plumosa Red Kewpie

<p>Columbine Copper leaf Coreopsis Cornflower Cotoneaster Coyotebrush Cycads Cypress, Bald Cypress, Italian Cypress, Japanese False Cupress, Leyland Daffodil Daylily</p>	<p><i>Aguilegia</i> spp. <i>Acalypha wilkesiana</i> <i>Coreopsis</i> spp. <i>Centaurea</i> spp. <i>Ctoneaster apiculatus</i> <i>Baccharis pelularis</i> <i>Cycads revolute</i> <i>Taxodium distichum</i> <i>Cupressus sempervirens</i> <i>Chamaecyparis obtuse</i> <i>Cupressocyparis leylandii</i> <i>Narcissus</i> spp. <i>Hemerocallis</i> spp.</p>	<p>Moonbloom</p> <p>Glaucia Gracilis</p> <p>King Alfred Aztec Gold Bright Yellow (Hybrid) Single Gold (Evergreen) Wilson's Yellow Magic Fountain</p>
<p>Delphinium Dianthus (Sweet William) Dogwood Dogwood, American Douglas Fir Dusty Miller Elm, Drake Euonymus</p>	<p><i>Delphinium</i> spp. <i>Dianthus</i> spp. <i>Cornus florida</i> <i>Cornus sericea</i> <i>Psuedotsuga menziesii</i> <i>Senecio cineraria</i> <i>Ulmus parvifolia</i> <i>Euonymus fortunei</i></p>	<p>Flavarimaea</p> <p>Argenteo-variegata Aureo-marginata Colorata Emerald Gaiety Emerald 'N Gold Gold Edge Gold Princess Silver King Tricolor Vegetus</p>
<p>Fan Palm, European Fan, Palm, Mexican Fern (various) Fescue Fetterbush Ficus Fir, Fraser Forsythia</p>	<p><i>Chamaerops humilis</i> <i>Washingtonia robusta</i> <i>Asparagus</i> spp. <i>Festuca glauca</i> <i>Leucothoe fontiana</i> <i>Ficus retusa</i> <i>Abies fraseri</i> <i>Forsythia X intermeida</i></p>	<p>Rainbow Nitidia</p> <p>Arnold Dwarf Bronxensis Dwarf Lynwood Gold Meadowlark Weeping</p>
<p>Fuchsia Galium Gardenia</p>	<p><i>Spring Glory</i> <i>Fuchsia</i> spp. <i>Galium odoratum</i> <i>Gardenia jasminoides</i></p>	<p>Mystery Radicans</p>
<p>Geranium Gum Hawthorn</p>	<p><i>Pelargonium X hortorum</i> <i>Eucalyptus citriodora</i> <i>Crataegus</i> spp.</p>	<p>Cockspur White Crimson Cloud Enchantress</p>



Heather, Twisted Hemlock, Canada Hibiscus	<i>Erica cinerea</i> <i>Tsuga canadensis</i> <i>Hibiscus</i> spp.	Jack Evans Washington White Mediterranean Pink
Holly	<i>Ilex</i> spp.  <i>Ilex X meserveae</i>	Blue Bird Brilliant Hula Girl Blue Boy Blue Girl Burfodii China Girl Compacta Forsteri Hellerie Japanese Northern Beauty Needlepoint Nellie R. Stevens Savannah
Holly, Chinese Holly, Japanese Holly, Yaupon Honeysuckle	<i>Ilex X attenuata</i> <i>Ilex cornuta</i> <i>Ilex crenata</i> <i>Ilex vomitoria</i> <i>Lonicera japonica</i>	Clavey's Dwarf Hilliana Tatarian Canadian White Zebelli Red Hosta Albo Marginata
Hosta	<i>Hosta</i> spp. <i>Hosta lancifolia</i>	
Ice Plant Impatiens Iris	<i>Carpobrotus edulis</i> <i>Impatiens</i> spp. <i>Iris</i> spp.	
Ivy, English	<i>Hedera helix</i>	Dwarf Blue Wedgewood Bulgaria Thorndale
Jasmine, Asian Juniper	<i>Trachelospermum asiaticum</i> <i>Juniperus</i> spp.  <i>Juniperus horizontalis</i>	Arcadia Armstrong Bar Harbor Blue Chip Blue Pacific Blue Rug Blue Star Broadmoor Buffalo Calgary Carpet Emerald Sea Emerald Spreader Endora Compacta Fruitlandi Green Gold Tip Hetzi Hughes Manhattan Blue Parsoni Pfitzeriana Plumosa

		Prince of Wales Procumbens Dwarf San Jose Sargent Blue Sargent Green Scandia Scopulorum Moonglow Scopulorum Skyrocket Spartan Tamariscifolia Weberi Youngstown Yukon Belle
King Palm Laurel, Australian Laurel, Mountain Leucothoe Ligustrum, Japanese Lily, Afircan	<i>Juniperus chinensis</i> <i>Juniperus Sabina</i>  <i>Archontophoenix cunninghamiana</i> <i>Pittosporum tobira</i> <i>Kalmia latifolia</i> <i>Leucothoe fontanesiana</i> <i>Ligustrum japonicum</i> <i>Agapanthus africanus</i>	
Lily, African Blue Lily of the Valley Lilyturf	<i>Pieris japonica</i> <i>Liriope muscari</i>	Albus Peter Pan  Mt. Fire Evergreen Giant Lilac Beauty Majestic Monroe White Variegata
Liriope, Green Maple, Japanese Maple, Norway Maple, Red Maple, Silver Maple, Sugar Marigold	<i>Liriope spicata</i> <i>Acer japonicum</i> <i>Acer platanoides</i> <i>Acer rubrum</i> <i>Acer saccharinum</i> <i>Acer saccharum</i> <i>Tagetes patula</i>	Honeycomb Variegata Wheeler's Dwarf Golden Snowflake Double White
Mock Orange*	<i>Philadelphus</i> spp.	
Mondo Grass Moss Rose Myrtle, Crape	<i>Ophiopogon japonicus</i> <i>Portulaca grandiflora</i> <i>Lagerstroemia indica</i>	Sunnyside Faurei Langer Muskogee Standard Pink
Myrtle, Wax Nandina	<i>Myrica cerifera</i> <i>Nandina domestica</i>	Compacta Nana
Narcissus Oak, Laurel Oak, Pin Oak, Red Oak, Southern Oak, Willow Oleander	<i>Narcissus</i> spp. <i>Quercus laurifolia</i> <i>Quercus palustris</i> <i>Quercus rubra</i> <i>Quercus virginiana</i> <i>Quercus phellos</i> <i>Nerium oleander</i>	Hardy Red Petite Pink Sister Agnes

Osteospermum	<i>Osteospermum fruticosum</i>	Whirligig
Pachysandra	<i>Pachysandra terminalis</i>	
Palm, Bangalow		
Pampas Grass	<i>Cortaderia selloana</i>	
Pansy	<i>Viola x wittrockiana</i>	
Paper Flower	<i>Bougainvillea glabra</i>	Barbara Karst
Peach*	<i>Prunus persica</i>	
Periwinkle, Dwarf	<i>Vinca minor</i>	
Petunia	<i>Petunia X hybrida</i>	Picoti
Photinia, Red Tip	<i>Photinia X fraseri</i>	
Pieris	<i>Pieris japonica</i>	
Pine, Australian	<i>Pinus nigra</i>	
Pine, Japanese Black	<i>Pinus thunbergiana</i>	
Pine, Loblolly	<i>Pinus taeda</i>	
Pine, Longleaf	<i>Pinus palustris</i>	
Pine, Mugho	<i>Pinus mugho</i>	
Pine, Scotch	<i>Pinus sylvestris</i>	
Pine, Slash	<i>Pinus elliotii</i>	
Pine, Swiss Mt.	<i>Pinus mugo</i>	
Pine, Virginia	<i>Pinus virginiana</i>	
Pine, White	<i>Pinus strobes</i>	
Pineapple, Guava	<i>Feijoa fellowiana</i>	
Pittosporum, Japan		
Potentilla	<i>Potentilla nepalensis</i>	Abbotswood
	<i>Potentilla fruticosa</i>	
Privet	<i>Ligustrum japonicum</i>	Golden Vicary Regal Texanum Wax Yellow Tipped
Privet, Glossy	<i>Ligustrum lucidum</i>	Gnome
Pyracantha	<i>Pyracantha koidzumii</i>	Lalandei Victory
Queen Palm	<i>Arecastrum rammanzoffianum</i>	
Quince, Japanese*		
Rhododendron	<i>Rhododendron</i> spp.	Album Cunningham White Fashion Hardy PJM Purple Gem Silvery Pink
Rhododendron, Carolina	<i>Rhododendron carolinianum</i>	
Rhododendron, Catawba	<i>Rhododendron catawbiense</i>	
Rockcress	<i>Arabis</i> spp.	Snowcap
Rhodia Max (Rosebay)	<i>Rhododendron maximum</i>	
Rose	<i>Rosa banksiae</i>	Luta
Rosemary*	<i>Rosmarinus officinalis</i>	
Rosemary, Bog	<i>Andromeda polifolia</i>	Nana
Salvia	<i>Salvia farinacea</i>	Rhea
Sedum	<i>Sedum spurlum</i>	Dragon Blood Red Red Carpet Yellow
Snapdragon	<i>Antirrhinum</i> spp.	
Sourwood	<i>Oxydendrum arboretum</i>	



The DIRECTIONS FOR USE of this product are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Lawn and turf injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of Control Solutions, Inc. or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

Control Solutions, Inc. warrants that this product conforms to the chemical description on the label, and is reasonably fit for the purposes set forth in the DIRECTIONS FOR USE, when it is used in accordance with such directions, subject to the inherent risks mentioned above.

TO THE EXTENT PERMITTED BY LAW, CONTROL SOLUTIONS, INC. NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS WARRANTY EXTENDS TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNING, OR CAUTIONS. BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. CONTROL SOLUTIONS, INC. and the seller offer this product, and the Buyer and User accept it, subject to the foregoing CONDITIONS OF SALE AND WARRANTY.



"Jane M. Miller"  
<jmiller@biologicconsulting.com>

01/30/2007 09:48 AM

Please respond to  
jmiller@biologicconsulting.com

To Eugene Wilson/DC/USEPA/US@EPA

cc

bcc

Subject Control Dithiopyr Labels - 53883-ERR; 53883-ERE;  
53883-ERG; 53883-ERN - Change of Primary Brand Name

Dear Eugene:  
Here are the other revised Application for Pesticide Registration forms for the other pending products to change the primary brand name to "Dithiopyr" from "Dimension".  
Regards,

Jane M. Miller  
BIOLOGIC, Inc.  
Tel: 203-740-1200  
Fax: 203-740-1220

-----Original Message-----

**From:** Lawrence A. Miller [mailto:lmiller@biologicconsulting.com]  
**Sent:** Monday, January 29, 2007 6:27 PM  
**To:** jmiller@biologicconsulting.com  
**Subject:** Dithiopyr

Best Regards,

Lawrence A. Miller  
BIOLOGIC, Inc.  
115 Obtuse Hill Road  
Brookfield, Connecticut 06804  
USA

Tel: 203-740-1200  
Fax: 203-740-1220  
Email: [lmiller@biologicconsulting.com](mailto:lmiller@biologicconsulting.com)



United States  
Environmental Protection Agency  
Washington, DC 20460

☒ Registration  
☐ Amendment  
☐ Other

OPP Identifier Number

## Application for Pesticide - Section I

1. Company/Product Number 53883-XXX	2. EPA Product Manager Joanne Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Dithiopyr 0.25% Plus Fertilizer	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Control Solutions, Inc. 5903 Genoa-Red Bluff Pasadena, TX 77507 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. 62719-492 Product Name Dimension 0.25% FG	

## Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional pages if necessary. (For section I and Section II.)

This application for a new pesticide product will fall within the category on Table 4 - Registration Division: New Products as published in the June 2, 2005 Federal Register. This product is further defined under EPA No. 30; CR No. 85 as a "New Product", "Me-Too Product" "Fast Track". Control Solutions is using the cite-all option under the selective method of support for any acute toxicity data that may be applicable to this registration action. The PRIA fee is \$1,050.

Jane Miller Tel: (203) 740-1200; Fax: (203) 740-1220; Email: jmillier@biologicoconsulting.com

## Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal	
				<input checked="" type="checkbox"/> Plastic	
				<input checked="" type="checkbox"/> Glass	
				<input checked="" type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted					
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 18, 20, 24, 30, 40, 50, 60 lbs.		5. Location of Label Directions <input checked="" type="checkbox"/> on label	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued Stenciled		<input type="checkbox"/> Other _____			

## Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Jane M. Miller		Title Consultant	
		Telephone No. (Include Area Code) 203-740-1200	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature 		3. Title Consultant	
4. Typed Name Jane M. Miller		5. Date October 10, 2006	

# BIOLO

## *agribusiness p*

**CONFIDENTIALITY STATEMENT:** This electronic message contains information that may be confidential or privileged. The information is intended solely for the use of the individual(s) or entity(ies) named above. If you are not the intended recipient, be aware that any disclosure, copying, distribution, or use of the contents of this message is prohibited. If you have received this email in error, please notify us immediately by telephone at 203-740-1200 or by email reply and delete this message. Thank you.



BIOLOGIC 15% Gold.jpg Dithiopyr 0.06% + Fertilizer.pdf Dithiopyr 0.065% + Fertilizer.pdf Oithiopyr 0.1% + Fertilizer.pdf



Oithiopyr 0.107% + Fertilizer.pdf





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460  
Potomac Yard (South Building)  
2777 S. Crystal Drive,  
Arlington, VA

Fax Number (703) 605-0781

OFFICE OF Pesticide Programs, Herbicide Branch

FACSIMILE REQUEST / COVER SHEET

Send FAX TO:

Name:

OFF:

FAX Phone Number

Office Phone Number

FROM:

Name:

Division/Branch:

Office Phone Number:

Office Room Number:

Mail Code:

DATE:

TIME:

NUMBER OF PAGES (WITH COVER SHEET):

Jane: Re 53883-ENI, Dimension® 025 Plus Fertilizer

Re: our discussion on 01-24-07, please revise the labeling as indicated by Xa and comments on the labeling. I have to go today.

Eugene M. Wilson  
Eugene M. Wilson  
Risk Manager (23)

Obj Rwd 01-26-07  
J. M. Wilson  
See XA and Notes  
on labeling.

## Dimension® 0.25% Plus Fertilizer

*Delete this*

### TURF AND ORNAMENTAL HERBICIDE

A ~~Selective~~ Herbicide Plus Fertilizer for

Control or Suppression of Listed Annual Grasses and Broadleaf Weeds  
in Ornamental Landscape areas, Established Lawns and Ornamental Turf,  
including Golf Course Fairways, Roughs and Tee Boxes.

*add: and Established Landscape Ornamentals*

In the state of New York this product may be applied only by commercial applicators at no more than 200 lbs. (0.5 pounds AI) per acre (4.6 lbs. per 1,000 sq. ft.) per year. Not for use in Nassau or Suffolk Counties.

#### Active Ingredient:

Dithiopyr, [3, 5-pyridinedicarbothioic acid, 2-(difluoromethyl)-4-(2-methylpropyl)-6-(trifluoromethyl)-S,S-dimethyl ester]..... 0.25%

Inert Ingredients:..... 99.75%

TOTAL:..... 100.00%

*review: PR X  
Notice 97-5*

EPA REG NO. 53883-XXX

EPA EST. NO. XXXXX-XXX-XXX

Net Weight:

Control Solutions, Inc.  
5903 Genoa-Red Bluff Rd.  
Pasadena, TX 77507-1041

Dimension® is a registered trademark of Dow AgroSciences.

Guaranteed Fertilizer Analysis: XX-XX-XX

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

See [back] [side] [other] panel for further precautions and First Aid information

<b>FIRST AID</b>	
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or physician immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or physician.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>HOT LINE NUMBER</b> Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1-800-858-7378.	

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### CAUTION

Causes eye irritation. Harmful if inhaled. Avoid contact with eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

#### Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### Use Safety Recommendations

Users should:

- Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.
- Remove clothing/PPE if pesticide gets inside. Then wash thoroughly and put on clean clothing.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and highly toxic to other aquatic organisms including oysters and shrimp. Use with care when applying to turf areas adjacent to any body of water. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may adversely affect aquatic organisms in adjacent aquatic sites. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwaters.

*revise*  
*see Aenti*  
*Tox review*  
*dated 11-28-06*  
*X*

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. ✓

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. ✓

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves
- Shoes plus socks

### NON-AGRICULTURAL USE REQUIREMENTS:

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

- Keep unprotected persons out of treated area during application and until dust has settled.

### GENERAL INFORMATION

Dimension® 0.25% Plus Fertilizer is a selective herbicide that provides season-long control of crabgrass and control or suppression of listed annual grasses and broadleaf weeds in ornamental landscape areas, established lawns and ornamental turf, including golf course fairways, roughs and tee boxes. This product also provides postemergent crabgrass control up to the 4-leaf stage.

**SPREADER SETTINGS** to apply at the listed pounds per 1,000 square feet

*(to be furnished at printing)*

### FOR USE ON TURF

Dimension® 0.25% Plus Fertilizer is a selective herbicide plus fertilizer for the control of crabgrass and other annual grasses and broadleaf weeds in established lawns and ornamental turf, including golf course fairways, roughs and tee boxes. Dimension® 0.25% Plus Fertilizer will not harm nearby established ornamentals identified on this label as "Tolerant Ornamentals" when used according to label directions. X

Apply this product only to seeded, sodded, or sprigged lawns and ornamental turf that is well established. Before the use of Dimension® 0.25% Plus Fertilizer, the grass must have an adequate root system must be developed and a uniform stand. Following seeding, sodding or sprigging, the turf must be mowed at least two times. Injury may result if the turf is not well established, or stressed by weather, pests, disease, chemical or other related conditions.

Dimension® 0.25% Plus Fertilizer may be applied to established turfgrass species listed on this label. When applied as directed, the following turfgrass species are tolerant to this product:

COOL-SEASON GRASSES	USE PRECAUTIONS
Creeping Bentgrass <sup>1</sup> ( <i>Agrostis palustris</i> ), Kentucky Bluegrass ( <i>Poa pratensis</i> ), Fine Fescue <sup>2</sup> ( <i>Festuca rubra</i> ), Tall Fescue ( <i>Festuca arundinacea</i> ), Perennial Ryegrass ( <i>Lolium perenne</i> ),	<sup>1</sup> Turfgrass injury may result from the use of this product on certain varieties of creeping bentgrass such as Cohansey, Carmen, Seaside and Washington. Not all varieties of creeping bentgrass have been tested. Do not apply this product to Colonial Bentgrass ( <i>Agrostis tenuis</i> ) varieties.  <sup>2</sup> Turfgrass injury may result from use of this product on the following varieties of Fescue such as Atlanta, Banner, Beauty, Bilgart, CF-2, Enjoy, HF-93, Highlight, Ivalo, Koket, Jamestown, Majenta, Mary, Pennilawn, Tamara, Tatiana, Walfort and Waldina. Not all varieties of fescue have been tested.
WARM-SEASON GRASSES	
Bahiagrass ( <i>Paspalum notatum</i> ), Bermudagrass ( <i>Cynodon dactylon</i> ), Buffalograss <sup>3</sup> ( <i>Buchloe dactyloides</i> ), Carpetgrass ( <i>Axonopus compressus</i> ), Centipedegrass ( <i>Eremochloa ophiuroides</i> ), Kikuyugrass ( <i>Pennisetum clandestinum</i> ), St. Augustinegrass ( <i>Stenotaphrum secundatum</i> ), Zousiagrass ( <i>Zoysia japonica</i> )	<sup>3</sup> Do not use this product on seedling Buffalograss in the spring of the first year of establishment until the turfgrass is fully green and has established new roots.

**NOTE:** It is not possible to evaluate all turfgrass varieties for tolerance to this product. It is suggested that the user evaluate the response to turfgrass varieties not listed on this label on a limited area, at recommended use rates, prior to initiating large-scale use.

#### RESEEDING, OVERSEEDING OR SPRIGGING

Reseeding, overseeding, or sprigging of treated areas within 10 weeks after a single application of this product or within 16 weeks after a split application program may inhibit the establishment of desirable turfgrasses. When seeding or overseeding, follow good cultural practices such as soil cultivation, irrigation and fertilization. For best results, use mechanical or power seeding equipment (slit seeders) for good seed-to-soil contact.

#### USE RESTRICTIONS

- Do not apply more than 4.6 lbs./1,000 sq. ft. (0.5 Lbs. AI/acre) per application.
- Do not apply more than 13.8 lbs./1,000 sq. ft. (1.5 lbs. AI/acre) per year.
- In New York, do not apply more than 4.6 lbs./1,000 sq. ft. per year.
- ~~Do not apply to flowers, vegetables, shrubs, or trees.~~
- Do not use clippings from treated turf for animal feed or for mulching around vegetables or fruit trees.
- Do not allow domestic animals to feed or forage on treated turf.
- Keep people and pets off treated areas until dust has settled.
- Do not use on golf course putting greens.

#### CRABGRASS CONTROL

Dimension® 0.25% Plus Fertilizer provides pre-emergence control of crabgrass (large, smooth, and southern species) when applied prior to emergence of crabgrass from the ground. Dimension® 0.25% Plus Fertilizer provides "early post-emergence" control during the early stages of growth after crabgrass emerges from the ground. This early post-emergence control is limited and applications are only effective if applied before the crabgrass has its 3-leaf or first tiller (which usually is about the time when you can

first see the crabgrass in the lawn). With this post-emergence activity, the applicator has 2 to 4 weeks longer to make applications for control of crabgrass.

For best results, apply Dimension® 0.25% Plus Fertilizer within a few days after mowing and delay mowing again for a few days after application. Rainfall or irrigation activates the product. Improved weed control will result if the application is followed by ½ inch of rainfall or sprinkler irrigation. Weed control may be hampered if rainfall or irrigation does not occur within 30 days after application. Split, or half rate applications spaced 5 to 10 weeks apart may also enhance weed control. Cultural practices such as aerification and de-thatching should be completed and the turf allowed to recover before application of this product.

#### APPLICATION TIMING

This product may be applied as a single application, split application, or as a sequential application for crabgrass control in the spring, summer, or fall as described below.

**SPRING APPLICATIONS:** For single applications in the spring or early summer, follow the appropriate rate listed in "TABLE 1: APPLICATION RATES FOR CRABGRASS CONTROL" below. Rates are based on the location to be used (Region), the mowing height of the turfgrass, and whether the timing of the application is considered preemergence or postemergence. The length of residual weed control is dependent on the total rate applied, but may vary depending on weather, weed pressure and location.

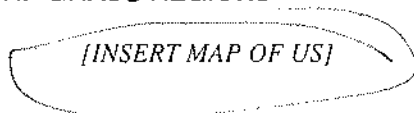
**Program 1:** For preemergence control on turf mowed relatively high, such as home lawns. This program will provide 3 to 5 months of preemergence crabgrass control. This program should not be used for early postemergence control of crabgrass.

**Program 2:** For preemergence control at sites where the turf is mowed relatively low, such as golf course fairways, and where turfgrass maintenance and weed control applications were made the previous year. This program will provide 4 to 6 months of preemergence crabgrass control. This program may also be used for early postemergence control of crabgrass up to the fifth leaf, or first tiller, at locations where the turf is cut high.

**Program 3:** For preemergence control at locations where turf is mowed relatively low, such as golf course fairways, and where turfgrass maintenance and weed control applications were not made the previous year. This program will provide 4 to 6 months of preemergence crabgrass control. This program may also be used for early postemergence control of crabgrass up to the fifth leaf, or first tiller, at locations where the turf is cut relatively low.

**FALL APPLICATIONS:** Dimension® 0.25% Plus Fertilizer may be applied in late summer or early fall (late August through November). Follow the instructions for "Program 3" for crabgrass control through the early part of the next spring. Fall applications may be followed by an appropriate spring application to provide season-long control.

#### TURF GRASS REGIONS



*See Region discussion  
of this on 01-24-07.  
Jams*

Spiraea Spiraea	Astilbe X arendsii Spirea spp.	Fanall Anthony Waterer Red Dolchica Froebeli Pink Goldenflame Red Snowmound White Van Houtte White
Spiraea, Garland Spruce, Black Hills Spruce, Colorado Blue Spruce, Norway Spruce, White Sweetflag, Grassyy-Le Sweetgum Sycamore Tree Fern (Tiki Fern) Trumpet Flower, Evening Tulip Verbana, Shrub Vervain Viburnum	Spirea spp. Picea glauca Picea pungens Picea abies Picea glauca  Liquidambar styraciflua Plantanus occidentalis Asparagus virgatus Gelsemium sempervirens Tulipa spp. Lantana sellowiana Verbena spp. Viburnum spp.	Conica     Apeldoorn  St. Paul American Cranberry Bush Arrowood Common Snowball European Cranberry Bush Linden Mohican Wright
Vinca (Periwinkle) Windmill Palm Xylosma Yarrow Yaupon Yew	Vinca minor Trachycarpus fortunei Xylosma congestum Achillea spp. Ilex vomitoria Taxus cuspidate Taxus X media	Dwarf Denistormis

\* Ornamental species only. Do not use on food producing trees and ornamentals.

#### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**STORAGE:** Store in original container in a dry, cool, secured storage area.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with Federal, state or local procedures.

**CONTAINER DISPOSAL:** Do not reuse empty bag. Dispose of empty bag in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

(Alternate wording for household use:

If empty: Do not reuse this container. Place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency for disposal instructions. Never place any unused product down any indoor or outdoor drain or toilet.

#### CONDITIONS OF SALE AND WARRANTY

The DIRECTIONS FOR USE of this product are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop, injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of Control Solutions, Inc. or the Seller. All such risks shall be assumed by the Buyer.

Add language here to make this a contract with the buyer and user. See language on cited labeling - 62715-482.

Control Solutions, Inc. warrants that this product conforms to the chemical description on the label, and is reasonably fit for the purposes set forth in the DIRECTIONS FOR USE, when it is used in accordance with such directions, subject to the inherent risks mentioned above.

CONTROL SOLUTIONS, INC. NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS WARRANTY EXTENDS TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNING, OR CAUTIONS. BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. CONTROL SOLUTIONS, INC. and the seller offer this product, and the Buyer and User accept it, subject to the foregoing CONDITIONS OF SALE AND WARRANTY.







UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

TECHNICAL REVIEW BRANCH  
SIMILARITY CLINIC DETERMINATION

28 November 2006

MEMORANDUM

Subject: Name of Pesticide Product: DIMENSION® 0.25% PLUS FERTILIZER  
EPA Reg. No. /File Symbol: 53883-ENI  
DP Barcode: D334196  
Decision No.: 371466  
PC Code: 128994 (Dithiopyr: 0.25%)

From: Byron T. Backus, Ph.D., Toxicologist  
Technical Review Branch  
Registration Division (7505P)

*Byron T. Backus*  
*11-28-2006*  
*DM*

To: Eugene Wilson/Joanne Miller, RM Team 23  
Herbicide Branch  
Registration Division (7505P)

Registrant: CONTROL SOLUTIONS, INC.

FORMULATION FROM LABEL:

<u>Active Ingredient(s):</u>	<u>% by wt.</u>
128994 Dithiopyr	0.25%
<u>Inert Ingredient(s):</u>	<u>99.75%</u>
Total:	100.00%

**ACTION REQUESTED:** The Risk Manager requests:

“Please review this application and the supporting acute tox data that are being cited in support of this new dithiopyr pesticide product...”

## BACKGROUND:

The registrant has stated that this formulation is similar or identical to that of EPA Reg. No. 62719-492. According to page 2 of the data matrix the registrant is using cite-all to satisfy the acute toxicity data requirements.

## COMMENTS AND RECOMMENDATIONS:

1. After a comparison of the CSFs for the proposed and cited product, TRB concludes that 53883-ENI is toxicologically substantially similar to the cited product, EPA Reg. No. 62719-492. In addition, the label-specified proposed uses and application sites for 53883-ENI are substantially similar or identical to those of the cited product. Therefore, the acute toxicity data requirements for the registration of 53883-ENI have been satisfied on the basis of similarity to EPA Reg. No. 62719-492 and the cite-all method of support.

2. The precautionary labeling for EPA Reg. No. 62719-492 indicates ("Causes eye irritation. Harmful if inhaled.") that product is in EPA Toxicity Category III in terms of eye irritation potential and inhalation hazard. In addition, the statement "Prolonged or frequently repeated skin contact while handling this material may cause allergic reaction in some individuals." indicates it is a potential dermal sensitizer. The label for the proposed product has similar statements.

3. Based on the precautionary labeling for EPA Reg. No. 62719-492, the following would be the acute toxicity profile for EPA File Symbol 53883-ENI:

Acute Oral LD <sub>50</sub>	IV	Cited –similarity to EPA Reg. No. 62719-492
Acute Dermal LD <sub>50</sub>	IV	Cited –similarity to EPA Reg. No. 62719-492
Acute Inhalation LC <sub>50</sub>	III	Cited –similarity to EPA Reg. No. 62719-492
Primary Eye Irritation	III	Cited –similarity to EPA Reg. No. 62719-492
Primary Skin Irritation	IV	Cited –similarity to EPA Reg. No. 62719-492
Dermal Sensitization	Positive	Cited –similarity to EPA Reg. No. 62719-492

4. Based on the acute toxicity profile above, the following are the precautionary and first aid statements for EPA File Symbol 53883-ENI, as obtained from the Label Review System:

**PRODUCT ID #:** 053883-00208

**PRODUCT NAME:** DIMENSION® 0.25% PLUS FERTILIZER

### PRECAUTIONARY STATEMENTS

**SIGNAL WORD:** CAUTION

### Hazards to Humans and Domestic Animals:

Harmful if inhaled. Causes moderate eye irritation. Avoid breathing dust. Remove and wash contaminated clothing before reuse. Avoid contact with eyes or clothing. [Wear protective eyewear.]\* Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Wear: Long-sleeved shirt and long pants, Socks, Shoes, and chemical-resistant gloves (such as Natural Rubber, Selection Category A).

Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

\*[Protective eyewear, which may include goggles, face shield and/or safety glasses, may be specified, if appropriate]

**First Aid:**

If inhaled:

- Move the person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor for further treatment advice.

If in eyes:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
- Call a poison control center or doctor for treatment advice.

NOTE TO PHYSICIAN: Note to PM/CRM/Registrant: The proposed label should contain a "Note to Physician". The following statements are suggested types of information that may be included, if applicable: - technical information on symptomatology; - use of supportive treatments to maintain life functions; - medicine that will counteract the specific physiological effects of the pesticide; - company telephone number to specific medical personnel who can provide specialized medical advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-xxx-xxxx for emergency medical treatment information.

5. The registrant's proposed first aid statements addressing oral and dermal exposure are acceptable.

6. This memorandum pertains only to the decision concerning whether the subject product is substantially similar to the cited product with respect to acute toxicity. For the purposes of this action, TRB has made no determination as to the adequacy of the acute toxicological data base or the precautionary statements for the cited product. In addition, for the purposes of registration, the CSF for the proposed product may have to be reviewed and accepted by the TRB Chemistry Team.

DP BARCODE No.: D334195 File Symbol No.: 53883-ENI PRODUCT NAME: Dimension 0.25% Plus Fertilizer

DATE OUT: 27 / NOV / 2006

FEE

SUBJECT: FEE.PRODUCT CHEMISTRY REVIEW OF MP [ ] EP [X]  
DP BARCODE No.: D334195 File Symbol No.: 53883-ENI  
PRODUCT NAME: Dimension 0.25% Plus Fertilizer  
COMPANY: Control Solutions Incorporation  
FOOD USE [ ] INTEGRATED FORMULATION [ ]  
PCC: 128994; Decision No. 371466

FROM: Shyam Mathur,  
Product Chemistry Team Leader  
Technical Review Branch/RD (7505C)

*S Mathur*  
*11/27/06*  
*DM*

TO: Eugene Wilson / Joanne Miller, RM 23  
Herbicide Branch / RD (7505P)

#### INTRODUCTION:

The registrant has submitted product chemistry data in support of the "me-too" registration application for the proposed end-use product Dimension 0.25% Plus Fertilizer. The submitted product chemistry data were assigned MRID No. 469625-01. The registrant has submitted a CSF for basic formulation (dated 10/10/06) and the product label. The registrant has claimed that the proposed product is substantially similar to the registered product with Reg. No. 62719-492. TRB has been asked to evaluate product chemistry data submitted and determine its similarity to the registered product.

#### SUMMARY OF FINDINGS

1. The end use product contains [REDACTED] as the active ingredient with the product label claim of 0.25%.
2. The CSF for basic formulation (dated 10-10-06) is filled out correctly & completely. The nominal concentration of the active ingredient concurs with the product label claim nominal concentration. The CSF is in compliance with PR Notice 91-2. The proposed certified limits for the AI and the inert ingredients are in compliance with standard certified limit table set-forth in 40CFR§158.175(b)(2). All the inert ingredients used in the formulation are cleared by the Agency. The data submitted corresponding to guidelines 830.1550 (product identity & composition) and 830.1750 (certified limits) satisfy the product chemistry data requirements of 40CFR§158.150 & 158.175 respectively [MRID No. 469625-01].
3. The data submitted corresponding to guideline 830.1600 (description of materials used to produce the product), 830.1650 (description of formulation process), and 830.1670 (discussion on the formation of impurity) satisfy the data requirements of 40CFR§158.160, §158.165 & §158.167 respectively [MRID No. 469625-01].
4. The data cited corresponding to guideline 830.1800 (enforcement analytical method) satisfy the data requirements of 40CFR§158.180. The AI content was determined HPLC/UV (254 nm) method [MRID No. 469625-01].
5. The data submitted corresponding to guideline 830 series subgroup B (physical-chemical properties) corresponding to guidelines 830.6303 (color), 830.6303 (physical state), 830.6304 (odor), 830.6314 (oxidation-reduction), 830.6315 (flammability), 830.6316 (explosibility), 830.7000 (pH), and 830.7300 (density) satisfy the data requirements of 40CFR§158.190 [MRID No. 469625-01].

**DP BARCODE No.:** D334195 **File Symbol No.:** 53883-ENI **PRODUCT NAME:** Dimension 0.25% Plus Fertilizer

6. No data were submitted for one year storage stability and corrosion characteristics studies. The registrant has stated that the proposed end-use product is an existing commercial formulation which is compatible with triple plastic lined paper bags and HDPE plastic bags. Since the chemical composition of the proposed product & registered product is very similar, the Agency agrees with the registrant's argument (in this special case). Consequently, the data submitted corresponding to one year storage stability (830.6317) and corrosion characteristics (830.6320) on the registered product will satisfy the data requirements for 40CFR§158.190 for the proposed product also.

**CONCLUSIONS:**

The TRB has reviewed the product chemistry data submitted for the proposed end use product and has concluded that:

1. The product chemistry data submitted corresponding to guidelines 830 Series Subgroup A and Subgroup B are acceptable, including storage stability & corrosion characteristics.
2. The proposed CSF for basic formulation (dated 10-10-06) is acceptable.
3. The proposed end-use product "Dimension 0.25% Plus Fertilizer", File Symbol No. 53883-ENI was determined to be substantially similar to the registered product with Reg. No. 62719-492 from product chemistry point of view.

PRODUCT CHEMISTRY DATA (SERIES 830 Subgroup A & Subgroup B)

Subgroup A	Data Required Fulfilled	MRID No.
830.1550. Chemical Identity (Basic)	A	10-10-06
830.1600. Beginning Materials	A	469625-01
830.1650. Formulation Process	A	" " "
830.1670. Discussion of Impurities	A	" " "
830.1700. Preliminary Analysis	NA	
830.1750. Certified Limits (Basic CSF)	A	10-11-06
830.1800. Enforcement Analytical Method	A	469625-01

Subgroup B	Data Required Fulfilled	Value or Qualitat. Descrip.	MRID No.
830.6302. Color	A	Off white	469625-01
830.6303. Physical State	A	Solid granules	469625-01
830.6304. Odor	A	Fertilizer odor	469625-01
830.6314. Oxidation/Reduction Action	A	None	469625-01
830.6315. Flammability	NA		
830.6316. Explodability	NA		
830.6317. Storage stability	A	62719-492	Cited
830.6319. Miscibility	NA		
830.6320. Corrosion Characteristics	A	62719-492	Cited
830.6321. Dielectric Breakdown Voltage	NA		
830.7000. pH	A	5.0-6.5	469625-01
830.7100. Viscosity	NA		
830.7000. Density/Bulk Density	A	45-80 lbs/cu. ft. @ 25°	469625-01

Explanations: A = The Requirements Were Fulfilled; N = The Requirements Were Not Fulfilled; NA = Not Applicable; G = Data Gap; U = Requires Upgrading; I = Incomplete or In Progress; W = Waived.

**DP BARCODE No.:** D334195 **File Symbol No.:** 53883-ENI **PRODUCT NAME:** Dimension 0.25% Plus Fertilizer

830.1800. Enforcement analytical method: (MRID No. 469625-01)

The active ingredient dithiopyr was determined by HPLC/UV method using the following equipment and operating parameters.

HPLC: Thermo Surveyor equipped with UV/VIS detector.

Column: Zorbax Eclipse XDB-C8, 4.6 x 150 mm, 5 µm

Mobile phase: 0.5% acetic acid in water : acetonitrile (35:65)

Flow rate: 1000 µl/min

Injection volume: 5 µl/min

Detector: UV operating at 254 nm

Run time: 10 minutes

Retention time for dithiopyr: 8 minutes (approximately).



**Fees For Service Screen**

**53883-ENT**

**53883-ERR**

**53883-ERG**

**53883-ERN**

**53883-ENO**

**53883-ENI**

**53883-ERE**

The submissions are adequate to route to TRB all together. Product Chemistry review is needed to see if the one submitted product chemistry data set supports the fertilizer range applications. An Acute Toxicity Similarity Clinic review is needed to determine if the proposed products are substantially similar to the cited me-too products: EPA Reg. No. 32802-78, 62719-491, 62719-486, 7001-377, 7001-378, 62719-492 & 32802-68 under the Selective Cite-All Method of Support, respectively.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

October 20, 2006

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

PLEASE RETURN A COPY OF THIS LETTER WITH PAYMENT

OPP Decision Number: D-371466  
EPA File Symbol or Registration Number: 53883-ENI  
Product Name: DIMENSION 0.25% PLUS FERTILIZER  
EPA Receipt Date: 19-Oct-2006  
EPA Company Number: 53883  
Company Name: CONTROL SOLUTIONS, INC.

JOE BLAKE  
CONTROL SOLUTIONS, INC.  
5903 GENOA-RED BLUFF  
PASADENA, TX 77507-1041

SUBJECT: Receipt of Registration Application Subject to Registration Service Fee

Dear Registrant:

The Office of Pesticide Programs has received your application for registration. If you submitted data with this application, the results of the PRN-86-5 screen will be communicated separately. During the administrative screen, the Office of Pesticide Programs has determined that this Action is subject to a Pesticide Registration Service Fee as defined in the Pesticide Registration Improvement Act.

The Action has been identified as Action Code: R30

NEW PRODUCT;ME-TOO PRODUCT FAST TRACK;

Please remit payment in the amount of: \$ 1,050 to:

By USPS:  
USEPA Washington Finance Center  
Pesticide Registration Service Fee  
PO Box 360277  
Pittsburgh, PA 15251

By Courier:

U.S. EPA Washington Finance Center  
Pesticide Registration Service Fee  
C/O Mellon Client Service Center  
500 Ross Street, Room 670  
Box 360277  
Pittsburgh, PA 15251-6277  
Attn: EPA Module Supervisor  
Telephone: (412) 236-2294

All payments must be in United States currency by check, bank draft, or money order drawn to the order of the Environmental Protection Agency. To ensure proper credit, please write the OPP DECISION NUMBER on your check, and enclose a copy of this letter with your payment.

You may be eligible for a full or partial waiver of the registration service fee if, for example, you qualify as a small business or are applying for a minor use, or if your application is solely associated with an IR-4 tolerance petition. Please be advised that if you intend to request a waiver, you must do so in writing within 15 days of receipt of this invoice instead of remitting the amount indicated above. OPP will not consider waiver requests after the registration service fee has been paid. Information regarding eligibility and how to request and document a fee waiver is available on the OPP Fee for Service web site at [www.epa.gov/pesticides/fees](http://www.epa.gov/pesticides/fees).

Please send Registration Service Fee Waiver requests to:

By USPS:

Document Processing Desk (WAIVER)  
Office of Pesticide Programs (7504P)  
U.S. Environmental Protection Agency  
1200 Pennsylvania Ave NW  
Washington, DC 20460

By Courier:

Document Processing Desk (WAIVER)  
Office of Pesticide Programs (7504P)  
U.S. Environmental Protection Agency  
Room S-4900, One Potomac Yard  
2777 S. Crystal Drive  
Arlington, VA 22202

A PRIA decision time review period will not start until a fee waiver is granted and/or the Agency receives certification that the outstanding fee has been paid. If the Agency does not receive certification of payment for this action or a fee waiver request within the next 45 days, the Agency will presume that you no longer want to pursue this action. The Agency will then initiate a process that may result in administrative withdrawal of this action.

If you have any questions, please contact the Pesticide Registration Service Fee Ombudsman at (703) 305-6249.

Sincerely,



Front End Processing Staff  
Information Technology & Resources Management Division

# Fee for Service

{800412d~

This package includes the following

- ☒ New Registration
- ☐ Amendment

Studies? Fee Waiver?

volpay % Reduction: \_\_\_\_

for Division

- ☐ AD
- ☐ BPPD
- ☒ RD

Risk Mgr. 23

Receipt No.

S- 800412

EPA File Symbol/Reg. No.

53883-ENI

Pin-Punch Date:

10/19/2006

☐ This item is NOT subject to FFS action.

## Action Code:

Requested: R-30

Granted: R-30

Amount Due: \$ 1,050<sup>00</sup>

## Parent/Child Decisions:

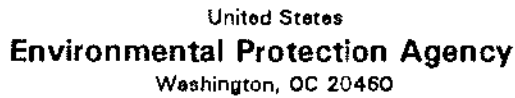
Reviewer: J. Miller Date: 10-20-06

Remarks: Relying on prod. chem. data submitted under  
53883-ENI

Attention:

RE: "Dimension® 0.06% Plus Fertilizer", EPA Reg. No. 53883-XXX;  
 "Dimension® 0.086% Plus Fertilizer", EPA Reg. No. 53883-XXX;  
 "Dimension® 0.10% Plus Fertilizer", EPA Reg. No. 53883-XXX;  
 "Dimension® 0.107% Plus Dimension", EPA Reg. No. 53883-XXX;  
 "Dimension® 0.172% Plus Dimension", EPA Reg. No. 53883-XXX;  
 "Dimension® 0.25% Plus Dimension", EPA Reg. No. 53883-XXX  
 Applications for Pesticide Registration

[illegible]



<input checked="" type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input type="checkbox"/>	Other

OPP Identifier Number

1. Company/Product Number 53883- <del>KVM</del> <b>ENI</b>	2. EPA Product Manager J. Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Dimension 0.25% Plus Fertilizer	PM# 23	
5. Name and Address of Applicant (Include ZIP Code)  Control Solutions, Inc. 5903 Genoa-Red Bluff Pasadena, TX 77507  <input type="checkbox"/> Check if this is a new address	6. <b>Expedited Review.</b> In accordance with FIFRA Section 3(c)(3)(b))i), my product is similar or identical in composition and labeling to: EPA Reg. No. <u>62719-492</u>  Product Name <u>Dimension 0.25% FG</u>	

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

This application for a new pesticide product will fall within the category on Table 4 - Registration Division: New Products as published in the June 2, 2005 Federal Register. This product is further defined under EPA No. 30; CR No. 85 as a "New Product", "Me-Too Product", "Fast Track." Control Solutions is using the cite-all option under the selective method of support for any acute toxicity that may be applicable to this registration action. The PRIA fee is \$1,050.

Section - III

1. Material This Product Will Be Packaged In:					
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
* Certification must be submitted		If "Yes" Unit Packaging wgt.      No. per container		If "Yes" Package wgt      No. per container	
2. Type of Container					
<input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____					
3. Location of Net Contents Information		4. Size(s) Retail Container		5. Location of Label Directions	
<input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		18, 20, 24, 30, 40, 50, 60 lbs.		<input checked="" type="checkbox"/> on label	
6. Manner in Which Label is Affixed to Product					
<input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____					

<b>1. Contact Point</b> /Complete items directly below for identification of individual to be contacted, if necessary, to process this application./					
<b>Name</b> Jane M. Miller		<b>Title</b> Agent		<b>Telephone No.</b> (Include Area Code) 203-740-1200	
<p align="center"><b>Certification</b></p> <p>I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.</p>					<b>6. Date Application Received</b>  <b>(Stamped)</b>
<b>2. Signature</b> 		<b>3. Title</b> Agent			
<b>4. Typed Name</b> Jane M. Miller		<b>5. Date</b> Oct 10, 2006			



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**401 M Street, S.W.**  
**WASHINGTON, D.C. 20460**

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 1.25 hours per response for registration and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the completed form to this address.

**Certification with Respect to Citation of Data**

Applicant's/Registrant's Name, Address, and Telephone Number  
 Control Solutions, Inc. 5903 Genoa-Red Bluff Pasadena, TX 77507

EPA Registration Number/File Symbol  
 53883-XXX 008

Active Ingredient(s) and/or representative test compound(s)  
 Dithiopyr

Date  
 October 17, 2006

General Use Pattern(s) (list all those claimed for this product using 40 CFR Part 158)  
 Domestic Outdoor, Terrestrial Non-Food

Product Name  
 Dimension 0.25% Plus Fertilizer

**NOTE:** If your product is a 100% repackaging of another purchased EPA-registered product labeled for all the same uses on your label, you do not need to fill this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

☐ I am responding to a Data-Call-In Notice, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

**SECTION I: METHOD OF DATA SUPPORT (Check one method only)**

☐ I am using the cite-all method of support, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

☒ I am using the selective method of support (or cite-all option under the selective method), and have included with this form a completed list of data requirements (the Data Matrix form must be used).

**SECTION II: GENERAL OFFER TO PAY**

[Required if using the cite-all method or when using the cite-all option under the selective method to satisfy one or more data requirements]

☒ I hereby offer and agree to pay compensation, to other persons, with regard to the approval of this application, to the extent required by FIFRA.

**SECTION III: CERTIFICATION**

I certify that this application for registration, this form for reregistration, or this Data-Call-In response is supported by all data submitted or cited in the application for registration, the form for reregistration, or the Data-Call-In response. In addition, if the cite-all option or cite-all option under the selective method is indicated in Section I, this application is supported by all data in the Agency's files that (1) concern the properties or effects of this product or an identical or substantially similar product, or one or more of the ingredients in this product; and (2) is a type of data that would be required to be submitted under the data requirements in effect on the date of approval of this application if the application sought the initial registration of a product of identical or similar composition and uses.

I certify that for each exclusive use study cited in support of this registration or reregistration, that I am the original data submitter or that I have obtained the written permission of the original data submitter to cite that study.

I certify that for each study cited in support of this registration or reregistration that is not an exclusive use study, either: (a) I am the original data submitter; (b) I have obtained the permission of the original data submitter to use the study in support of this application; (c) all periods of eligibility for compensation have expired for the study; (d) the study is in the public literature; or (e) I have notified in writing the company that submitted the study and have offered (i) to pay compensation to the extent required by sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA; and (ii) to commence negotiations to determine the amount and terms of compensation, if any, to be paid for the use of the study.

I certify that in all instances where an offer of compensation is required, copies of all offers to pay compensation and evidence of their delivery in accordance with sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA are available and will be submitted to the Agency upon request. Should I fail to produce such evidence to the Agency upon request, I understand that the Agency may initiate action to deny, cancel or suspend the registration of my product in conformity with FIFRA.

I certify that the statements I have made on this form and all attachments to it are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature

*J. M. Miller*

Date

October 17, 2006

Typed or Printed Name and Title

Jane M. Miller, Agent



United States  
Environmental Protection Agency  
Washington, DC 20460

**Formulator's Exemption Statement**  
(40 CFR 152.85)

Applicant's Name and Address  Control Solutions, Inc. 5903 Genoa-Red Bluff Pasadena, TX 77507	EPA File Symbol/Registration Number 53883-XXX
	Product Name Dimension 0.25% Plus Fertilizer
	Date of Confidential Statement of Formula (EPA Form 8570-4) October 10, 2006

As an authorized representative of the applicant for registration of the product identified above, I certify that:

(1) This product contains the following active ingredient(s):

Dithiopyr

Of these, each active ingredient listed in paragraph (4) is present solely as the result of the use of that active ingredient in the manufacturing, formulation or repackaging another product which contains that active ingredient which is registered under FIFRA Section 3, is purchased by us from another producer, and is labeled for at least each use for which my product is proposed to be labeled.

(3) Indicate by checking (A) or (B) below which paragraph applies:

☒ (A) An accurate Confidential Statement of Formula (EPA FORM 8570-4) for the above identified product is attached to this statement. That formula statement indicates, by company name, registration number, and product name, the source of the active ingredient(s) listed in paragraph (1).

OR

☐ (B) The Confidential Statement of Formula (CSF) (EPA Form 8570-4) referenced above and on file with the EPA is complete, current, and accurate and contains the information required on the current CSF.

(4) The following active ingredients in this product qualify for the formulator's exemption.

**Source**

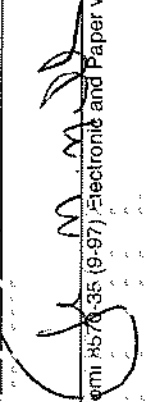
Active Ingredient	Product Name	Registration Number
Dithiopyr Technical	[REDACTED]	[REDACTED]
Signature: <i>Jane M. Miller</i> Name and Title: Jane M. Miller, Agent Date: 10/10/06		



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**401 M Street, S.W.**  
**WASHINGTON, D.C. 20460**

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**DATA MATRIX**

Date October 17, 1006		EPA Reg. No./File Symbol 53883-XXX		Page 1 of 5	
Applicant's/Registrant's Name & Address		Product			
Control Solutions, Inc. 5903 Genoa-Red Bluff Pasadena, TX 77507-1041		Dimension 0.25% Plus Fertilizer			
Ingredient Dithiopyr					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550	Product Identity and Composition		Control Solutions	OWN	
830.1600	Description of Materials Used to Produce the Product		Control Solutions	OWN	
830.1650	Description of Formulation Process		Control Solutions	OWN	
830.1670	Discussion of Formation of Impurities		Control Solutions	OWN	
830.1750	Certified Limits		Control Solutions	OWN	
830.1800	Enforcement Analytical Method		Control Solutions	OWN	
830.1900	Submittal of Samples		Control Solutions	OWN	1
830.6302	Color		Control Solutions	OWN	
830.6303	Physical State		Control Solutions	OWN	
830.6304	Odor		Control Solutions	OWN	
830.6314	Oxidation / Reduction: Chemical Incompatibility				2
830.6315	Flammability / Flame Extension				3
830.6316	Explosibility				4
830.6317	Storage Stability				5
830.6319	Miscibility				6
Signature			Name and Title		Date
			Jane M. Miller, Agent for Control Solutions		10/17/2006

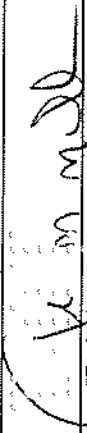
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**DATA MATRIX**

Date	October 17, 1006	EPA Reg. No./File Symbol	53883-XXX	Page 2 of 5	
Applicant's/Registrant's Name & Address		Product			
Control Solutions, Inc. 5903 Genoa-Red Bluff Pasadena, TX 77507-1041		Dimension 0.25% Plus Fertilizer			
Ingredient Dithiopyr					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6320	Corrosion Characteristics				7
830.6321	Dielectric Breakdown Voltage				8
830.7000	pH		Control Solutions	OWN	
830.7100	Viscosity				9
830.7300	Density		Control Solutions	OWN	
870.1100	Acute Oral Toxicity	Cite-All		PAY	
870.1200	Acute Dermal Toxicity	Cite-All		PAY	
870.1300	Acute Inhalation Toxicity	Cite-All		PAY	
870.2400	Acute Eye Irritation	Cite-All		PAY	
870.2500	Acute Dermal Irritation	Cite-All		PAY	
870.2600	Skin Sensitization	Cite-All		PAY	
These companies appear on the September 2006 Data Submitters list for Dithiopyr and have been sent OTP letters		✓	Bayer Cropscience LP	✓	PAY
			Research Triangle Park, NC		
			Lebanon Seaboard Corp.	✓	PAY
			Lebanon, PA		
			PBI/Gordon Corp	✓	PAY
			Kansas City, MO		
Signature 		Name and Title		Date	
		Jane M. Miller, Agent for Control Solutions		10/17/2006	

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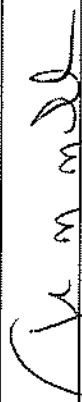
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## DATA MATRIX

Date	October 17, 1006	EPA Reg. No./File Symbol	53883-XXX	Page 3 of 5	
Applicant's/Registrant's Name & Address	Control Solutions, Inc. 5903 Genoa-Red Bluff Pasadena, TX 77507-1041				
Ingredient	Dithiopyr	Dimension 0.25% Plus Fertilizer			
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		Cite-All	Knox Fertilizer	✓ PAY	
			Charlotte, NC		
			Southern States Cooperative	✓ PAY	
			Richmond, VA		
			United Industries	✓ PAY	
			St. Louis, MO		
			The Andersons Lawn Fertilizer Div.	✓ PAY	
			Maumee, OH		
			Chemisco	✓ PAY	
			St. Louis, MO		
			Agrilance LLC	✓ PAY	
			St. Paul, MN		
			Spray Drift Task Force	✓ PAY	
			Washington, DC		
			Residential Exposure Joint Venture	✓ PAY	
			Washington, DC		
			Outdoor Residential Task Force	✓ PAY	
			Washington, DC		
Signature	 Name and Title Jane M. Miller, Agent for Control Solutions			Date	10/17/2006

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### Data Matrix Footnotes

1. Not required at this time for this end-use product.
2. Not applicable. Neither the technical grade active ingredient nor the inert ingredients are considered strong oxidizing or reducing agents.
3. Not applicable. Product does not contain combustible liquids.
4. Not applicable. Neither the technical grade active ingredient nor the inert ingredients are considered as potentially explosive.
5. Not applicable. The end-use product is similar to existing commercial formulations which are compatible with triple plastic lined paper bags or HDPE plastic bags.
6. Not applicable. Product is not an emulsifiable liquid.
7. Not applicable. The product is similar to existing commercial formulations which are not corrosive to their commercial packaging.
8. Not applicable. Product is not intended to be used around electrical equipment.
9. Not applicable. Product is not a liquid.

